

Class PDF + Homework PDF

Within 15 Mins

Rewarded
Sum → Within 1.5 hrs

Input: Vidya 15 Batch Valid 36 Paid Content 87 39 32

Step I: 16 Vidya Valid 36 Paid Content 87 39 32 Cbudi

Step II: Dpoufou 16 Vidya Valid 36 Paid 39 32 Cbudi 89

Step III: 35 Dpoufou 16 Vidya Valid 36 39 Cbudi 89 Qbje

Step IV: Wbmje 35 Dpoufou 16 Vidya 36 Cbudi 89 Qbje 43

Step V: 41 Wbmje 35 Dpoufou 16 Cbudi 89 Qbje 43 Wjebz

Step V is the last step.

Double Shifting
(Alternating)

Input: 67 loop 87 disc 32 rock 62 unique 10 eve

Batch
+1 +1 +1 +1 +1
Cbudi

Content

Paid

Valid

Vidya

Alphabetical
order

15	+1	16
87	+2	89
32	+3	35
39	+4	43
36	+5	41

15	→ Smallest
87	→ Largest Highest
32	→ 2 nd Smallest
39	→ 2 nd Highest
36	→ 3 rd Smallest

15. What is the position of "rock" in step III?

- A. Third from the left end
- B. Fourth from the right end
- C. Fifth from the right end
- D. Fourth from the right end
- ~~E. None of the above~~

6th from right
5th from left

(E)

digits → (48) (D)

16. What is the sum of the numbers obtained in the final output?

- A. 47
- B. 42
- C. 45
- D. 48
- ~~E. None of the above~~

(E)

Input: 67 loop 87 disc 32 rock 62 unique 10 eve

Step I: 11 67 loop 87 32 rock 62 unique eve ejtd

Step II: fwf 11 67 loop 32 rock 62 unique ejtd 89

Step III: 35 fwf 11 67 rock 62 unique ejtd 89 mppq

Step IV: spdl 35 fwf 11 62 unique ejtd 89 mppq 71

Step V: 67 spdl 35 fwf 11 ejtd 89 mppq 71 vojrvf

67
35
11
89
+ 71

Input: Bliss 78 Torch Empty 27 Arch 55 Drum 10 63

Step I: 10 @rch bliss 78 torch empty 27 55 drum 63

Step II: 10 @rch 78 Torch Empty 55 drum 63 27 Bl%ss

Step III: 10 @rch 55 Dr\$m 78 Torch empty 63 27 Bl%ss

Step IV: 10 @rch 55 Dr\$m 78 Torch 63 #mpty 27 Bl%ss

Step V: 10 @rch 55 Dr\$m 78 T&rch 63 #mpty 27 Bl%ss

(Position) \Rightarrow Telegram Grp Join:

@9828097824
@dhruva2811

Input: 89 West Smash 34 65 Drill Push 20 98 Roll

Ascending Order
10
27
55
63
78

Alphabetical Order (vowels)
Arch
Bliss
Drum
Empty
Torch
A -> @
i -> %
u -> \$
e -> #
o -> &

19. What is the position of "West" in the last step of the given input?

- a) ~~Fifth from the right end~~
- b) Second from the right end
- c) Fifth from the left end
- d) Second from the left end
- e) None of these

A

20. How many letters are between the first letter of the second element from the left end and the fifth letter of the fourth element from the right end in step III of the given input as per the English alphabetical series?

- a) One
- b) Two
- c) ~~Three~~
- d) Four
- e) More than five

C



$4-1=3$

21. Which of the following element is exactly between "89" and "98" in step II of the given input?

- a) West
- b) ~~Smash~~
- c) Drill
- d) 34
- e) No such element

B

Input: 89 West Smash 34 65 Drill Push 20 98 Roll

Step I: 20 Dr%ll 89 West Smash 34 65 Push 98 Roll

Step II: 20 Dr%ll 89 West Smash 65 98 Roll 34 P\$sh

Step III: 20 Dr%ll 65 R&ll 89 West Smash 98 34 P\$sh

Step IV: 20 Dr%ll 65 R&ll West 98 89 Sm@sh 34 P\$sh

Step V: 20 Dr%ll 65 R&ll 98 W#st 89 Sm@sh 34 P\$sh

For word arrangement:  The words are arranged in the alphabetical order.

For number arrangement: The numbers are arranged in the ascending order.

Rules: In each step, a number and a word are shifted to the left end and right end alternatively, starting from the left end. Also, in each word, the vowels are changed to certain symbols. The symbols for the respective vowels are A=@, E=#, I=%, O=&, U=\$.

Input: Bird 40 Bush 38 65 Bowl 73 Best 19 Band

Step I: B@nd Bird 40 Bush 38 65 Bowl 73 Best 119

Step II: 238 B@nd Bird 40 Bush 65 Bowl 73 119 B\$st

Step III: B&rd 238 B@nd Bush 65 Bowl 73 119 B\$st 240

Step IV: 165 B&rd 238 B@nd Bush 73 119 B\$st 240 B?wl

Step V: B!sh 165 B&rd 238 B@nd 119 B\$st 240 B?wl 173

Step V is the final step of the given input.

As per the rules followed in the given steps, find the appropriate step for the given Input.

Input: Deny 79 Disc 64 53 Dust 17 Dawn 88 Done

Double Shifting (Alternating)

vowels
A → @
e → \$
i → &
o → ?
u → !

Band
Best
Bird
Bowl
Bush

Alphabetical
Order

+100 (odd)
+200 (even)

Increasing
19 → 119 (+100)
38 → 238 (+200)
40 → 240 (+200)
65 → 165 (+100)
73 → 173 (+100)

22. How many numbers are there between 'Disc' and 'Done' in step II?

A. Four

~~B. Two~~

C. Three

D. One

E. None of these

B

23. Which of the following element is fifth to the left of the element which is third from the right end in step IV?

A. D&sc

~~B. 153~~

C. 179

D. 264

E. None of these

B

$$5 + 3 \Rightarrow 8$$

24. Which of the following is the final output?

A. D!st 179 D&sc D@wn 153 D\$ny117 264 D?ne 288

B. D!st 179D&sc 153 17 D@wn D\$ny 264 D?ne 288

~~C. D!st 179 D&sc 153 D@wn 117 D\$ny 264 D?ne 288~~

D. D!st 179 D&sc 153 117 D@wn D\$ny 264 D?ne 288

E. None of these

C

25. How many steps are needed to get the output?

A.IV

B.VI

C.III

~~D.V~~

E.None of these

D

//

Input: Deny 79 Disc 64 53 Dust 17 Dawn 88 Done
 Step I: D@wn Deny 79 Disc 64 53 Dust 88 Done 117
 Step II: 153D@wn 79 Disc 64 Dust 88 Done 117 D\$ny
 Step III: D&sc 153 D@wn 79 Dust 88 Done 117 D\$ny 264
 Step IV: 179D&sc 153 D@wn Dust 88 117 D\$ny 264 D?ne
 Step V: D!st 179D&sc 153 D@wn 117 D\$ny 264 D?ne 288

~~Main's~~
 Short trick

Done →
 D

Logic:

Done → (D?n\$)

For Words Arrangement: The word is arranged in alphabetical order according to the place value of vowel present in the word (the word having A arranged first, followed by E and so on..). If the word has two vowels then consider the first vowel (from the left end).

The vowels are replaced by symbols

A-@, E-\$, I-&, O-?, U-!

For Numbers Arrangement: The numbers are arranged in ascending order. If the number is even added '2' at the beginning of the number. If the number is odd added '1' at the beginning of the number

Secrets

Input: House ~~seats~~ 321 694 Cards 758 Pattern Crazy 572 137

Step 1: Secrets Pattern Crazy Cards House 321 137 572 694 758

Step 2: Ueuuu Uuuuo Euaa Euea lu 3216 13711 57214 69419 75820

Step 3: 6821 9621 64 68 6 31 027 162 384 738

Step 4: 1 4 2 0 3 9 9 5 4
33 ↑ 23 13 12 25 10 9 14

Input: Other Should 364 723 Rating 820 End 923

①: Other Rating Should End 820 723 364 923

②: UIU UUI UIO OE OE 82010 72312 36413 92314

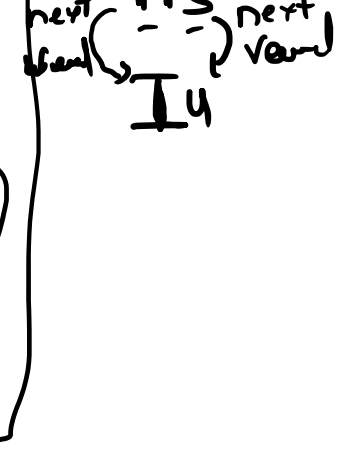
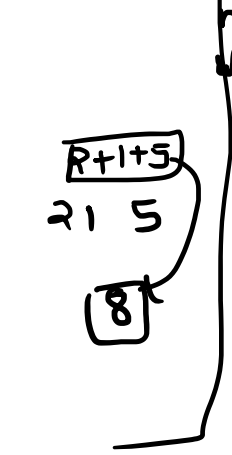
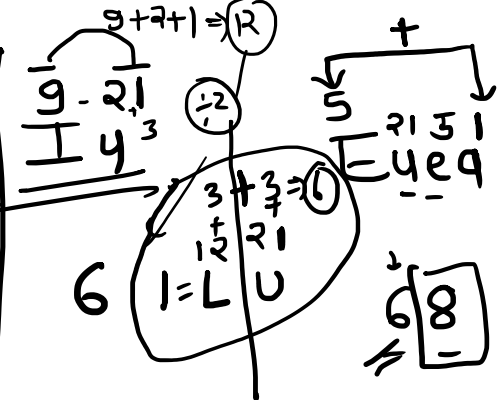
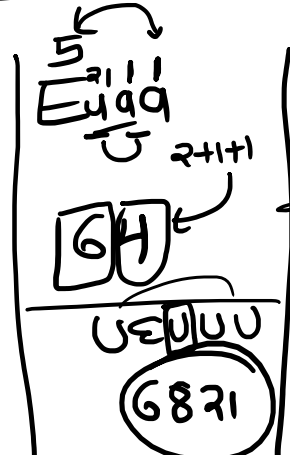
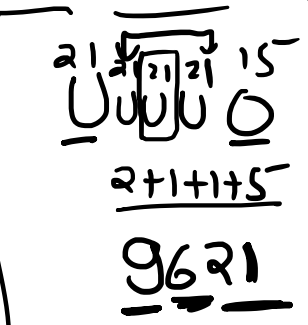
S+ s => 38
P+ n => 30
C+ y => 28
C+ s => 22
n+ q => 13

Descending order J

Alphabetical => Pairing
PVs => 9th - Last
9th - 2nd
2nd - 2nd
(cut)

Vowel Eliminate

H S next vowel
I U



26. Which element is placed at 2nd position from the left end and 2nd position from the right end respectively in step 1?

- A. Rating, 923
- B. Should, 364
- ~~C. Rating, 364~~
- D. 364, Should
- E. 364, Rating

C

(Rating, 364)

order

27. How many "U" are there in step-2 ?

- A. 7
- B. 6
- ~~C. 5~~
- D. 4
- E. 3

C

* Content + Consistency + Teaching Solution (Simple Way)

* Typing Mistake

28. What is the sum of the 2nd largest and 2nd smallest number in step 4?

- A. 5
- B. 4
- ~~C. 6~~
- D. 8
- E. None of these

C

Input: Other Should 364 723 Rating 820 End 923

Step 1: Other Rating Should End 820 723 364 923

Step 2: Uju Uuoi Uioe Oe | 820 72312 36413 92314

Step 3: 69 129 815 11 | 810 513 054 513

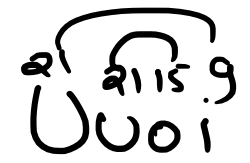
Step 4: 3 12 0 0
↑ ↑



69

2+4+2+1
=> 6

(3) + 3 => (6)



2+1+1+5

2+1+9

129

Input: Got Meet 71 Special 28 17 Live Toast 54 (33)

Step1: Sp@c@@l 73 Got Meet 28 17 Live Toast 54 33

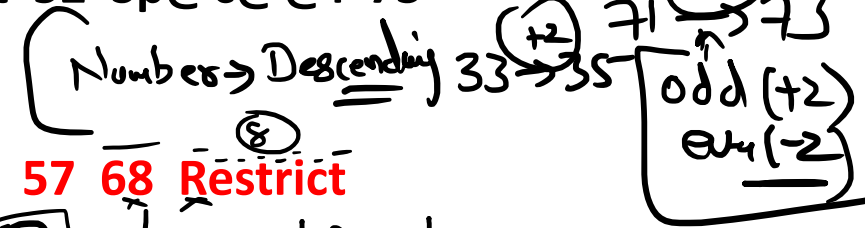
Step2: T@@st 52 Sp@c@@l 73 Got Meet 28 17 Live 33

Step3: M@@t 35 T@@st 52 Sp@c@@l 73 Got 28 17 Live

Step4: L@v@ 26 M@@t 35 T@@st 52 Sp@c@@l 73 Got 17

Step5: G@t 19 L@v@ 26 M@@t 35 T@@st 52 Sp@c@@l 73

54 $\xrightarrow{-2}$ 52
 \uparrow
 * vowels
 e, i, a \rightarrow @



Input: Stay 24 Tunedd Happy 31 44 Player 57 68 Restrict

- ① Res 66 Sta 24 Tun* Hop 31 44 Play 57
- ② Tune 59 Res 66 Sta 24 Hop 31 44 Play
- ③ Play 42 Tun 59 Res 66 Sta 24 Hop 31
- ④ Hop 33 Pla 42 Tun 59 Res 66 Sta 24
- ⑤ Sta 22 Hop 33 Pla 42 Tun 59 Res 66

68	Res
57	Tun
44	Pla
31	Hop
24	St

Q1. Which element is 3rd from the left end in step 2?

- A. T@n@dd
- B. Pl@y@r
- C. 59
- ~~D. R@str@ct~~
- E. None of these



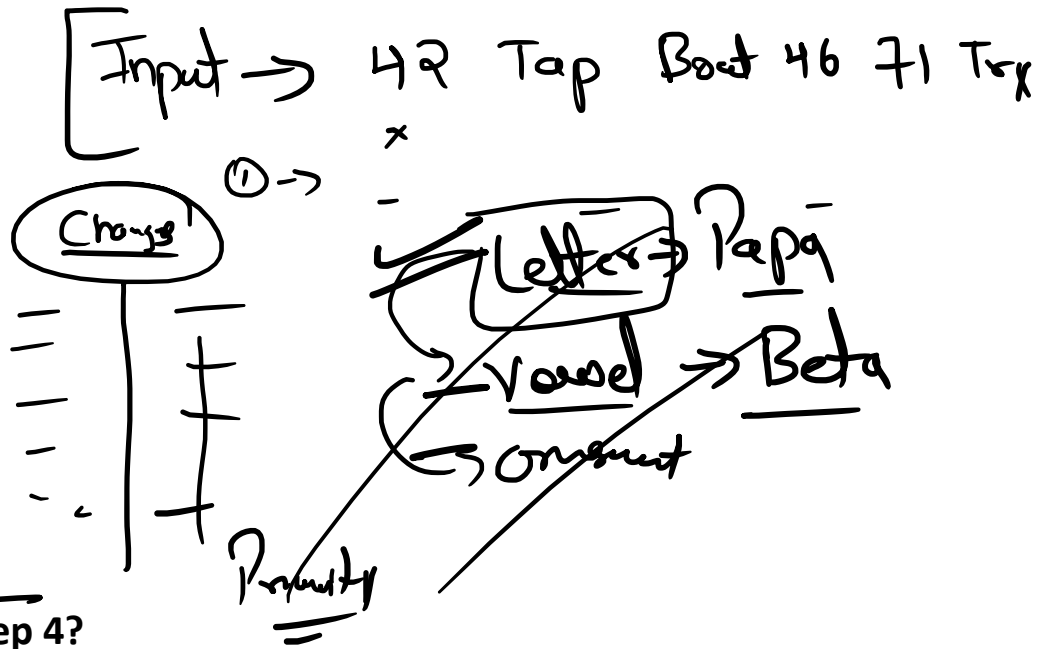
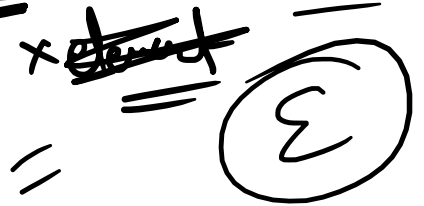
Q2. Which element is at the left end in step 3?

- A. Happy
- B. 24
- C. 66
- D. 31
- E. Stay



Q3. Which is 4th number from the left end in step 4?

- A. 22
- B. 33
- C. 42
- D. 59
- ~~E. 66~~



Input : Stay 24 Tunedd Happy 31 44 Player 57 68 Restrict

Step 1: R@str@ct 66 Stay 24 Tunedd Happy 31 44 Player 57

Step 2: T@n@dd 59 R@str@ct 66 Stay 24 Happy 31 44 Player

Step 3: Pl@y@r 42 T@n@dd 59 R@str@ct 66 Stay 24 Happy 31

Step 4: H@ppy 33 Pl@y@r 42 T@n@dd 59 R@str@ct 66 Stay 24

Step 5: St@y 22 H@ppy 33 Pl@y@r 42 T@n@dd 59 R@str@ct 66

Input: 43218 28713 46319 34176 24619 84376 92513

Step I: 28413 18327 16943 16374 14926 36874 12395

Step II: 12395 14926 16374 16943 18327 28413 36874

Step III: 21359 24619 46137 46139 28137 24813 46837

Step IV: 2345 869 24121 24127 16121 883 24821

Step V: 14 23 10 16 11 19 17

Step VI: 5 7 8 22 34 38 46

Step VI is the final output of the given input series.

As per rules followed in the given steps, find appropriate step for given Input.

Input: 36294 62417 24619 73126 83427 41236 95213

4) Which of the following number is third lowest number from step III?

A. 24617

B. 26137

C. 24613

D. 24619

E. None of these

5) Which of the following is final output of given series?

A. 7 14 34 38 43 46 46

B. 7 21 34 38 42 46 46

C. 7 14 31 38 42 46 46

D. 7 14 34 38 41 46 46

E. None of these

6) What is the product of digits of third number from right end of step IV?

- A. 431**
- B. 120**
- C. 4**
- D. 672**
- E. None of these**

7) What is the sum of second lowest and second highest number from step V?

- A. 44**
- B. 35**
- C. 36**
- D. 38**
- E. None of these**

Input: 36294 62417 24619 73126 83427 41236 95213
Step I: 24396 12764 14926 16723 23784 26431 15392
Step II: 12764 14926 15392 16723 23784 24396 26431
Step III: 24617 24619 21359 26137 24837 24639 24613
Step IV: 867 869 2345 12121 8821 8627 863
Step V: 21 23 14 7 19 23 17
Step VI: 7 14 34 38 42 46 46

For step I: we have two possible conditions:

Case (1): when the given number is even, then 1st and 3rd and 2nd and 5th digit within the number are interchanged.

For Example: 43218 -> 28413

Case (2): when the given number is odd, then 1st and 4th & 3rd and 5th digit within the number are interchanged.

For Example: 28713 -> 18327

Step I: 28413 18327 16943 16374 14926 36874 12395

For Step II: All the numbers from step I are rearranged in ascending order from left to right.

Step II: 12395 14926 16374 16943 18327 28413 36874

For Step III: Even digits are kept in ascending order followed by odd digits in ascending order in each number.

For Example: 12395 -> 21359

Step III: 21359 24619 46137 46139 28137 24813 46837

For Step IV: Product of 1st and 2nd & 4th and 5th digits in the given order.

For Example: 21359 -> 2345

Step IV: 2345 869 24121 24127 16121 883 24821

For Step V: sum of digits within number are taken.

Step V: 14 23 10 16 11 19 17

For Step VI: even numbers are divided by 2 and all odd numbers are multiplied by 2 and thus numbers obtained are rearranged in ascending order.

Input: Among the blind the one eyed man is king

Step 1: the the one man king is eyed blind among

Step 2: 40E8 40E8 30E14 26N1 22G14 18S9 10D5 4D14 2G14

Step 3: 32V 32V 16V 25M 8T 9H 5W 10W 12T

Step 4: FV FV PV YM HT IH EW JW LT

Step 5: 28 28 28 28 17 33 32 38 38

INPUT: Every man is the architect of his destiny

8) What is the sum of all the numbers present in step V?

A. 143

B. 86

C. 93

D. 123

E. 160

9. Which of the following is fourth from the left end of Step III in the above arrangement?

- A. 7H**
- B. 12M**
- C. 8B**
- D. 9H**
- E. 32V**

10. How many elements are there between 'FB' and 'GH' in step IV?

- A. None**
- B. 1**
- C. 2**
- D. 3**
- E. 4**

11. If all the numbers in the step V are arranged in ascending order from right to left, then how many numbers are not changed from its previous position?

- A. 1**
- B. 2**
- C. None**
- D. 4**
- E. 3**

Explanation

- 1) All words are arranged in descending order according to the English alphabet from left to right.**
- 2) The words are reduced in the format ->**
 - a) (Alphabetical position of first letter) multiplied by 2**
 - b) Last letter**
 - c) The number of the second last letter in the English alphabet.**
- 3) After obtaining the new letter and number combination from step 2, the difference is taken of numbers and the letter is the opposite letter comes in English alphabet of the letter written in step 2.**
- 4) First letter is-> Alphabetical position of that Number. If number greater than total English alphabetic letters 26, then that number – 26.**
 - b) Second Letter is the same as step 3.**
- 5) Firstly all the set of letters are arranged in ascending order from left to right according to English alphabet from step 4.**
 - b) The sum of number of the letter in the English alphabet.**

INPUT: Every man is the architect of his destiny

Step 1: the of man is his every destiny architect

Step 2: 40E8 30F15 26N1 18S9 16S9 10Y18 8Y14 2T3

Step 3: 32V 15U 25M 9H 7H 8B 6B 1G

Step 4: FV OU YM IH GH HB FB AG

Step 5: 8 8 28 15 10 17 36 38

Input:	Manual	Desire	Create	Secure	Friday	Parrot	Crypto
Step1:	Amunla	Sederi	Erceta	Ceseru	Rfdiya	Aprrto	Yrcotp
Step2:	Munl	Sdri	Rcta	Csru	Rfdiya	Apto	Yrcotp
Step3:	Mul	Sri	Rca	Csru	Riya	Ao	Yrco
Step4:	251	2810	1917	2418	1917	1614	4010

Input: Flower Pushpa Dragon Narrow Profit Inside Octave

Q12. Which is the 3rd letter of the 2nd word from the left end in step 1?

Q13. How many letters are there between 3rd letter of the 4th word from the right end and 3rd letter of the 2nd word from the right end in step 2 ?

Q14. How many letters are there in total in step 3?

Q15. What is the difference between 4th highest & 3rd lowest number in step 4?

Input: Flower Pushpa Dragon Narrow Profit Inside Octave

Step1: Lfwore Supaph Rdgano Anrrwo Rpfoti Sniedi Tcoeva

Step2: Lfwore SuaH Rdgano Anwo Rpfoti Sned Tcoeva

Step3: Lwore Sua Rgao Awo Roi Se Coea

Step4: 177 2018 333 1614 279 2414 42

Input: peak 45 pots 23 gene 56 fever 76 care 54

Step I: c&r% peak 45 pots gene 56 fever 76 54 24

Step II: c&r% f%v%r peak pots gene 56 76 54 24 46

Step III: c&r% f%v%r g%n% peak pots 56 76 24 46 53

Step IV: c&r% f%v%r g%n% p%&k pots 76 24 46 53 55

Step V: c&r% f%v%r g%n% p%&k pots 24 46 53 55 75

Input: larva 43 troll 64 pile 72 dot 65 tops 32

15. In which step “troll 72 31” appear in the same sequence ?

- A. Step – I
- B. Step – II
- C. Step – III
- D. Step – IV
- E. Step – V

16. How many elements are there between dot and tops in step-4?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

17. What will be the sum of the largest and 2nd smallest number in last step ?

- A. 115
- B. 129
- C. 94
- D. 110
- E. None of these

Input: larva 43 troll 64 pile 72 dot 65 tops 32

Step I: dot larva 43 troll 64 pile 72 65 tops 31

Step II: dot l&rv& troll 64 pile 72 65 tops 31 44

Step III: dot l&rv& p@l% troll 72 65 tops 31 44 63

Step IV: dot l&rv& p@l% tops troll 72 31 44 63 66

Step V: dot l&rv& p@l% tops troll 31 44 63 66 71

In step I to step V: The words are arranged in alphabetical order from the left end. In the subsequent steps, if the word contains more than one vowel than

'a' is replaced by '&'

'i' is replaced by '@'

'e' is replaced by '%.'

Numbers are arranged in the ascending order from the right side. The smallest number is move to the right end. If the number is odd, then add 1 to the number and if the number is even then subtract 1 from the number.

18. What is the final output of “6831”?

- A. 09**
- B. 06**
- C. 12**
- D. 07**
- E. None of these**

19. How many odd numbers are there in the final step?

- A. 1**
- B. 2**
- C. 3**
- D. 4**
- E. 5**

20. What will be the sum of the digits of the even numbers in step 4 ?

- A. 32**
- B. 12**
- C. 14**
- D. 26**
- E. None of these**

Input: 8762 9583 4761 5283 7726 6831

Step I: 8762 9853 7641 8532 7762 8631

Step II: 8763 9855 7643 8533 7763 8633

Step III: 762 855 641 532 761 632

Step IV: 74 80 63 51 75 61

Step V: 11 08 09 06 12 07

Input: 6483 7426 3819 1942 9871 5681

Input: 6483 7426 3819 1942 9871 5681

Step I: 8643 7642 9831 9421 9871 8651

Step II: 8645 7643 9833 9423 9873 8653

Step III: 644 641 833 423 873 652

Step IV: 60 63 80 41 84 63

Step V: 06 09 08 05 12 09

Step1: All digits are arranged in descending order within the number.

Step2: If the last digit is odd then add "2" to the last digit or if it is even add "1" to the last digit. (Ex: $8643 \rightarrow 3+2=8645$)

Step3: Sum of first and last digit if the resultant is two digits, add within the number and placed at last. (Ex: $8645 \rightarrow 8+5=13 \rightarrow 1+3=4 \rightarrow 644$)

Step4: Subtract second and third digits. Ex: $644 \rightarrow 4-4=0 \rightarrow 60$

Step5: Add both the digits. ->Ex: $8+4=12$

Input: Gold 46 29 Park Null 37 Slit Rest 72 85

Step 1: 26 46 Park Null 37 Slit Rest 72 85 G#ld

Step 2: 34 26 46 Park Slit Rest 72 85 G#ld N+ll

Step 3: P!rk 34 26 Slit Rest 72 85 G#ld N+ll 43

Step 4: R@st P!rk 34 26 Slit 85 G#ld N+ll 43 69

Step 5: Sl%t R@st P!rk 34 26 G#ld N+ll 43 69 82

Input; Gold 46 29 Park Null 37 Slit Rest 72 85

21. Which is the 4th element from the right end in step 5?

- A. 43**
- B. 69**
- C. N+ll**
- D. G+lf**
- E. None of these**

22. Which is the 2nd element from the left end in step 4 ?

- A. R@st**
- B. P!rk**
- C. 34**
- D. 26**
- E. None of these**

23. What will be the sum of the digits of the prime numbers in step 3 ?

- A. 43**
- B. 5**
- C. 7**
- D. 17**
- E. None of these**

Input; Gold 46 29 Park Null 37 Slit Rest 72 85

Step 1: 26 46 Park Null 37 Slit Rest 72 85 G#ld

Step 2: 34 26 46 Park Slit Rest 72 85 G#ld N+ll

Step 3: P!rk 34 26 Slit Rest 72 85 G#ld N+ll 43

Step 4: R@st P!rk 34 26 Slit 85 G#ld N+ll 43 69

Step 5: Sl%t R@st P!rk 34 26 G#ld N+ll 43 69 82

In the steps, we will see that whether the number is prime or not. If it is a prime number, then we will arrange it from left and the word from right in that step. And if it is not a prime number, then we will arrange it from right and the word from left in that step. All numbers are arranged in ascending order while all words are arranged in alphabetical order. We will deduct 3 from each number while the vowels are coded as follow-

A-!, E-@, I-%, O- #, U-+