



MACHINE INPUT

✓
Input
Steps

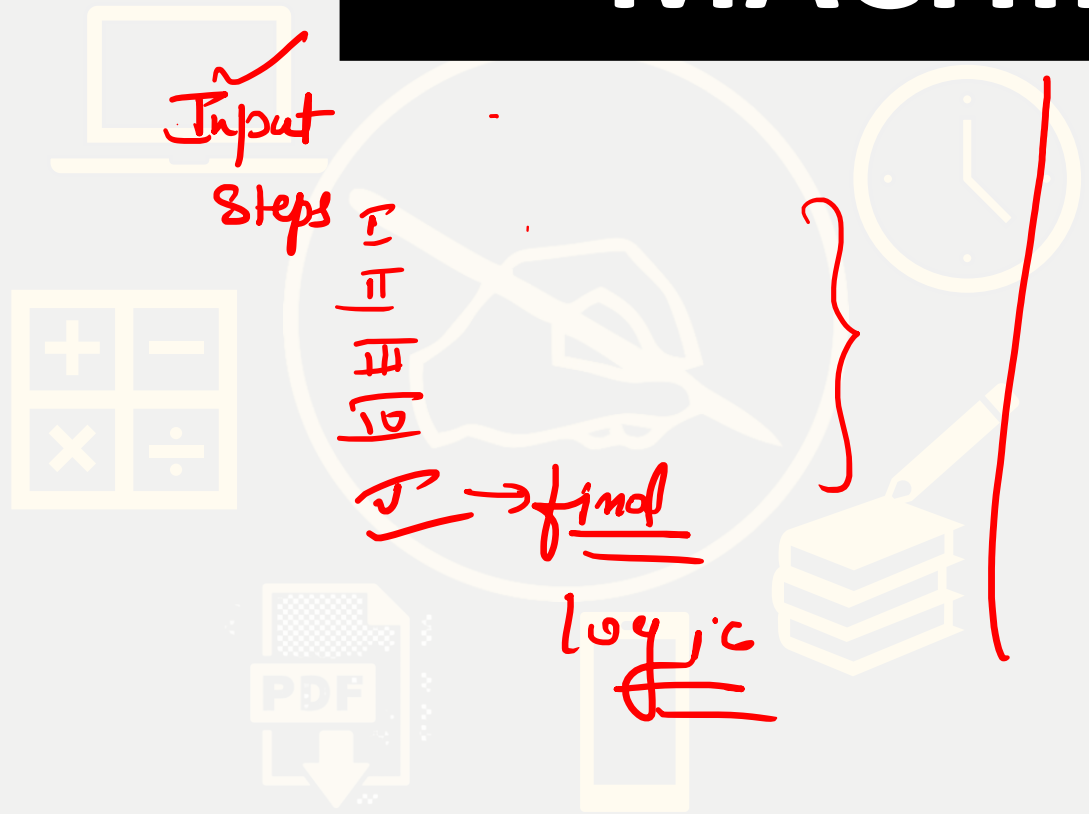
1
2
3
4
5

→ find

logic

//

Input → ?



INTRODUCTION

Words

- Dictionary Order.
- Reverse Dictionary Order
- length
- Vowels & Consonants
- last letter
- middle letter.
- sum of place value.

Numbers

- Ascending
- descending
- Sum of digit
- Product of digit.
- Odd, even
- Prime, Composite

Input: trade 87 dance under 65 31 visit 12 Jupiter 56

Step I: visit trade dance under 65 31 12 Jupiter 56 87

Step II: visit dance trade under 31 12 Jupiter 56 87 65

Step III: visit dance Jupiter trade under 31 12 87 65 56

Step IV: visit dance Jupiter under trade 12 87 65 56 31

Step V: visit dance Jupiter under trade 87 65 56 31 12

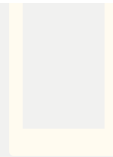
Step VI: 20 5 18 18 5 87 65 56 31 12

Step VII: 2 5 9 9 5 6 2 2 4 3

Step VII is the last step

Input for the question: rupee 60 fruit juice 93 74 teeth 23

sad 86



Input: rupee 60 fruit juice 93 74 teeth 23 sad 86

Step I: fruit rupee 60 juice 74 teeth 23 sad 86 93

Step II: fruit rupee 60 juice 74 teeth 23 sad 93 86

Step III: fruit rupee juice 60 teeth 23 sad 93 86 74

Step IV: fruit rupee juice teeth 23 sad 93 86 74 60

Step V: fruit rupee juice teeth sad 93 86 74 60 23

Step VI: 20 05 05 08 04 93 86 74 60 23

Step VII: 2 5 5 8 4 3 5 2 6 5

1) Which element is second to the left of third element from right end in step IV?

- a. 86 b. sad c. 93 d. teeth e. rupee

2) What is the sum of all the even numbers in penultimate step?

- a. 168 b. 250 c. 287 d. 212 e. 252

3) What is the absolute difference in 3rd number from left end in step VI and 5th number from right end in step VII?

- a. 2 b. 5 c. 8 d. 7 e. 3

4) Which of the following is step III?

- a. fruit rupee juice 60 teeth sad 93 86 74 23
b. juice 60 teeth 23 sad 93 86 74 fruit rupee
c. fruit rupee sad 93 86 74 juice 60 teeth 23
d. fruit rupee juice 60 teeth 23 sad 93 86 74
e. 93 86 74 fruit rupee juice 60 teeth 23 sad

5) Which number is third to the right of fourth number from left end in step VI? a. 60 b. 23 c. 20 d. 74 e. 86

Input: sorted special system ship seal simple share
sequence

Step I: eort aceip esty hi ae ilmp ahr ceenqu

Step II: 25 17 30 17 6 25 19 24

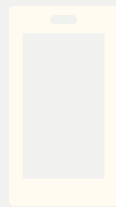
Step III: 125 85 120 85 24 125 95 96

Step IV: H1 M64 C1 M64 F4 H1 N81 O81

Step V: 9 23 4 23 10 9 23 24

Step VI: 81 25 16 25 1 81 25 36

Input: must most mexican moisture melt marvel marble
mains



Step I: su os aceix iorstu el aerv ablr ain

Step II: 40 34 25 30 17 23 19 15

Step III: 160 136 125 120 85 115 95 75

Step IV: G1 J1 H1 C1 M64 G1 N81 L49

Step V: 8 11 9 4 23 8 23 25

Step VI: 64 4 81 16 25 64 25 49

Step VI is the final output.

6) How many steps are required to obtain the final output of the given input?

a. Four b. Five c. Six d. Seven e. None of these

7) Which among the following is the final step of the given input? a. 05 64 1 81 16 36 25 9

b. 64 4 81 16 36 25 9 49

c. 64 4 81 16 25 64 25 49

d. 36 25 49 09 08 05 49 9

e. None of these

Which of the following element is fourth to the right of the third element from the left end in second last step of the given input?

a. 25 b. 09 c. 23 d. 28 e. None of the above

9) How many even numbers are there in the last step? a. 1

b. 4 c. 5 d. 3 e. None of these

Input: bold tire worm call flat goal gone

Step I: bold call flat goal gone tire worm

Step II: bdlo acll aflt aglo egno eirt morw

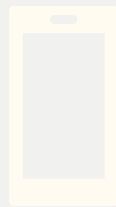
Step III: cemq cdmn cgmh chmq ghoq gksu nqsx

Step IV: xsqn uskg umgc qohg qmhc qmec mmdc

Step V: 38sq 28sk 24mg 24oh 20mh 20me 16md

Input for the question:

“kite boat open self mind xylo hope”



Input: kite boat open self mind xylo hope

Step I: boat hope kite mind open self xylo

Step II: abot ehop eikt dimn enop efls loxy

Step III: ccqu giqq gklu ekno goqq ggmt mqyz

Step IV: zyqm uqcc ulkg tmgg qqog qqig onke

Step V: 39yq 24qc 28lk 27mg 24qo 24qi 20nk

11) Which word is 2nd from the right end in step II of the given input?

- a. self b. ggmt c. qqig d. efls e. None of these

12) What is the position of "ekno" in Step III of the given input?

- a. 4th from the right
b. 3rd from the left
c. 2nd from the right
d. There is not such word in the step III
e. None of the above

13) Which word is at the extreme right end in Step IV of the given input?

- a. tmgg b. onke c. mqyz d. loxy e. None of the above

14) _____ is at the extreme left end in the final step of the given input. a. 24ig b. 39yq c. 24qc d. 27mg e. None of the above

2:00

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Input: 46 26 38 41 35 55 68 77 94 87

Step I: 32 38 52 74 84 29 41 49 71 97

Step II: 32 76 156 296 420 174 287 392 639 970

Step III: 64 108 188 328 452 206 319 424 671 1002

Step IV: 10 09 17 13 11 08 13 10 14 03

Input for the question: 44 24 16 13 61 43 83 72 9637



Input: 44 24 16 13 61 43 83 72 96 37

Step I: 10 34 40 58 80 19 27 47 75 99

Step II: 10 68 120 232 400 114 189 376 675 990

Step III: 20 78 130 242 410 124 199 386 685 1000

Step IV: 02 15 04 08 05 07 19 17 19 01

16) What is the difference between the third number from the left end in step I and the 4th number from the right end in step IV? a. 20 b. 32 c. 30 d. 21 e. 24

17) Which of the following number is second number to the right of 3rd number from the left end in step III? a. 410 b. 378 c. 242 d. 324 e. 420

18) What is the position of 199 in step III? a. 4th from the left end b. 3rd from the right end c. 2nd number to the left of 410 d. 4th from the right end e. 2nd from left end

19) Which of the following are the first 5 numbers of step II?
a. 10 34 120 58 124
b. 10 68 120 232 400
c. 10 68 120 234 400
d. 10 64 120 232 410
e. None of the above

Input: 478 359 728 682 519 853

Step I: 487 359 287 268 159 835

Step II: 159 268 287 359 487 835

Step III: 152 968 283 759 488 735

Step IV: 125 689 832 975 488 753

Step V: 11 78 14 44 68 22

Step VI: && &@ &@ @@ @@ @@

“732 651 347 568 867 479”



Input: 732 651 347 568 867 479

Step I: 237 615 437 685 687 479

Step II: 237 437 479 615 685 687

Step III: 234 737 476 915 686 587

Step IV: 234 773 467 951 668 875

Step V: 14 28 46 14 54 43

Step VI: &@ @@ @@ &@ &@ @&

Which word is 4th number from the right end in Step II of the given input? a. 615 b. 479 c. 951 d. 467 e. None of these

There are ____ “@” in the last step of the given input?
a. Six b. Four c. Seven d. Eight e. None of these

__ is 1st number from the right end in Step III of the given input? a. 875 b. 687 c. 785 d. 686 e. None of the above

Absolute difference between the lowest and the highest number in step V of the given input is ____ . a. 30 b. 32 c. 40 d. 42 e. None of the above

What is the position of “615” in Step I of the given input?
a. 2nd from the right b. 3rd from the left c. 4th from the left d. There is no such number e. 2nd from the left

