

# Input Output Questions Overview

Input Output Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Input Output Questions.

## Input Output Questions

Directions: Study the following information carefully and answer the given questions. A word and number arrangement machine, when given an input line of words and numbers, rearranges them following a particular rule in each step. The following is an illustration of input and rearranging. Input 11 day 34 night 93 pace 27 easy 44 joy Step I 93 11 day 34 night pace 27 easy 44 joy Step II 93 11 34 night pace 27 easy 44 joy day Step III 93 44 11 34 night pace 27 easy joy day Step IV 93 44 11 34 night pace 27 joy day easy Step V 93 44 34 11 night pace 27 joy day easy Step VI 93 44 34 11 night pace 27 day easy joy Step VII 93 44 34 27 11 night pace day easy joy Step VIII 93 44 34 27 11 pace day easy joy night Step IX 93 44 34 27 11 day easy joy night pace And Step IX is the last step of the rearrangement as the desired arrangement is obtained. As per the rules followed in the above steps, find out in each of the questions the appropriate step for the given input. Input: class 25 war 15 race 73 heap 58 just 88 take 38

## Question

What is the position of 'war' in Step 'VII'?

Difficulty : Difficult

Average Time : 150 Seconds

Options :

1. Fifth from the right end
2. Fifth from the left end
3. Sixth from the left end
4. Eighth from the right end
5. Seventh from the left end

## Solution

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The correct answer is **option 3** i.e **Sixth from the left end.**

After careful analysis of the given input and various steps of rearrangement, it is evident that in the first step the highest number is placed at the extreme left position, and in the second step, the word that comes first in alphabetical order is placed at the extreme right position.

In the next step, the second-highest number is placed in the second position from the left.

After that step, the word which comes second in alphabetical order is placed at the extreme right position.

These two steps are continued alternatively till all the numbers get arranged in the descending order from the left and all the words get arranged in alphabetical order after the numbers.

**Input** class 25 war 15 race 73 heap 58 just 88 take 38  
**Step I** 88 class 25 war 15 race 73 heap 58 just take 38  
**Step II** 88 25 war 15 race 73 heap 58 just take 38 class  
**Step III** 88 73 25 war 15 race heap 58 just take 38 class  
**Step IV** 88 73 25 war 15 race 58 just take 38 class heap  
**Step V** 88 73 58 25 war 15 race just take 38 class heap  
**Step VI** 88 73 58 25 war 15 race take 38 class heap just  
**Step VII** 88 73 58 38 25 war 15 race take class heap just  
**Step VIII** 88 73 58 38 25 war 15 take class heap just race  
**Step IX** 88 73 58 38 25 15 war take class heap just race  
**Step X** 88 73 58 38 25 15 war class heap just race take  
**Step XI** 88 73 58 38 25 15 class heap just race take war

Clearly, The word 'war' is sixth from the left end in step VIII.

Hence, the correct answer is **Sixth from the left.**