

Sample Questions for Graded Lab 2 (1 Feb to 4 Feb)

Our next week will have questions that require you to use loops that we have studied in the preceding week.

Here are a couple of sample questions.

Q1) Find the second largest number in a sequence of given numbers. The input contains the number n (number of integers) followed by n integers. Hint:(you can use `cin` inside a loop to take repeated input)

Test case:

`n= 5`

`5 9 18 17 6`

output 17

Q2) Take input integers **a** and **b**, find the largest **m** such that **m** is prime and $a < m < b$. Output **-1** if no such number exists.

Test cases:

Input: 10 15 Output: 13

Input : 20 30 Output : 29

Input : 90 97 Output: -1