64 : 18 : 48 Finish test

Learn how your code will be evaluated (https://helpcenter.mymapit.in/?ht_kb=things-to-know-before-attempting-the-test) | Utility codes for quick start (https://helpcenter.mymapit.in/?page_id=871)

Section - 1

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Moring Prayer queue

Consider a scenario where students are standing in a queue during morning prayer time now the class teacher want to find the maximum and second maximum height of the students standing in a queue. Design a function and help the class teacher to find the maximu height of the students.

Sample Input:

Enter elements of the array:

3 // Number of Elements

34

67

89

Sample Output:

Max = 89

Second Max = 67

Sample Input:

C (gcc 4.8.3) ▶ Compile & Run O/P »

```c
#include <stdio.h>

int main()
{
    int n;
    scanf("%d",&n);
    int arr[n];
    int i;
    for(i=0; i < n; i++) scanf("%d",&arr[i]);

    // sort
    int rounds,j;
    for(rounds=1; rounds <= n-1; rounds++){
        for(j = 0; j <= n - rounds - 1; j++){
            if(arr[j] > arr[j+1]){
                int temp = arr[j];
                arr[j] = arr[j+1];
                arr[j+1] = temp;
            }
        }
    }


    printf("Max = %d\n",arr[n-1]);
    printf("Second Max = %d",arr[n-2]);

    /*
        // method - 1  (2 test case failed)

    // exception case
    if(n == 1){
        printf("%d",arr[0]);
        return 0;
    }
```

x