

## Profile Report

### CANDIDATE DETAILS



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Group Name : Quality Analyst

### OVERALL COMPETENCY

**Pass**

Pass Percentage : 50



### ASSESSMENT DETAILS

Assessment Name : Test your Skill -Randomisation

Test Marks : 18.00

Total Questions : 2

Penalty : No

Partial Marks : Yes

### ATTEMPT DETAILS

Attempt No : 4

Started At : 23-03-2019 11:16AM

Submitted At : 23-03-2019 11:19AM

Time Taken : 3 Mins

### CANDIDATE SCORE

Questions Answered : 18.00

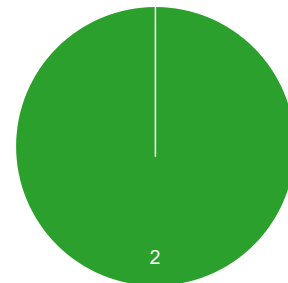
Questions Not Answered : 0

Marks for Correct Answer : 18.00

Penalty : 0.00

Your Score : 18.00

### ANSWER SUMMARY



■ Not Answered ■ PartiallyCorrect  
■ Correct ■ In correct

### QUESTION 1 : RUN RATE

C#

Scenario:

India vs. Srilanka world cup final match. India won the toss and chooses to bowl. Srilanka scored 274-6 in 50 overs. Write a program to calculate the run rate for India in a given number of overs to score 275. The number of overs will be the input. The run rate to score 275 in a given number of overs will be the output.

RULES:

- 1.Create a class WorldCup with a method RunRate which accepts an integer.
- 2.The return type of RunRate is double.
- 3.Create a class Finals which is used the call the methods in WorldCup.
- 4.Overs should be in the range 20 and 50
- 5.If over is not in the given range,the statement "Over should be in the range 20 to 50" should be displayed.
- 6.If over is not in the type of integer,the statement "Over should be integer" should be displayed

Sample Input:

40

Sample output:

6.75

## SUBMITTED CODE

C#

### Main.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace CricketAverage
{

    class WorldCup
    {
        public float target = 275;
        public int no_of_overs;
        public float runrate;
        public void RunRate()
        {
            try
            {
                var Input = Console.ReadLine();
                if (Input == "")
                {
                    Console.WriteLine("Overs should not be empty");
                }
                else
                {
                    no_of_overs = Convert.ToInt32(Input);
                    if (no_of_overs > 50)
                    {
                        Console.WriteLine("Over should be in the range 20 to 50");
                    }
                    else if (no_of_overs < 0)
                    {
                        Console.WriteLine("Over should be in integer type");
                    }
                    else if (no_of_overs < 20)
                    {
                        Console.WriteLine("Over should be in the range 20 to 50");
                    }
                    else
                    {
                        runrate = target / no_of_overs;
                        Console.WriteLine(runrate);
                    }
                }
            }
            catch (Exception e)
            {
```

```

        e.ToString();
        Console.WriteLine("Overs Should be Integer");
    }
}
}
class Finals
{
    static void Main(string[] args)
    {
        WorldCup n = new WorldCup();
        n.RunRate();
        Console.ReadLine();
    }
}
}

```

## TEST CASE EXECUTION

Test Case	Actual Input	Expected Output	Obtained Output	Status
General Testcase	40	6.875	6.875	✓
Boundary Testcase	12	Over should be in the range 20 to 50	Over should be in the range 20 to 50	✓
Negative Testcase	-40	Over should be in integer type	Over should be in integer type	✓

## QUESTION 2 : TOGGLE STRING

C++

Scenario:

You have been given a String SS consisting of uppercase and lowercase English alphabets. You need to change the case of each alphabet in this String. That is, all the uppercase letters should be converted to lowercase and all the lowercase letters should be converted to uppercase. You need to then print the resultant String to output.

Input Format:

The first and only line of input contains the String SS

Output Format:

Print the resultant String on a single line.

Constraints:

$1 \leq |S| \leq 1001 \leq |S| \leq 100$  where  $|S|$  denotes the length of string SS.

## Main.cpp

```
#include
using namespace std;
int main()
{
    string s;
    cin >> s ;
    int len=s.length();
    for (int i=0;i='A' && s[i] <= 'Z'){
        s[i]=s[i]+32;
    }
    else if (s[i] >='a' && s[i]<= 'z'){
        s[i]=s[i]-32;
    }
}
cout << s;
return 0;
}
```

## TEST CASE EXECUTION

Test Case	Actual Input	Expected Output	Obtained Output	Status
General Testcase	40	6.875	6.875	✓
Boundary Testcase	12	Over should be in the range 20 to 50	Over should be in the range 20 to 50	✓