

Assignment

Assignment no- 06

Submission date- 15.04.2020

Course Title-Computer Programming 1 lab

Coure Code: CSE-1121

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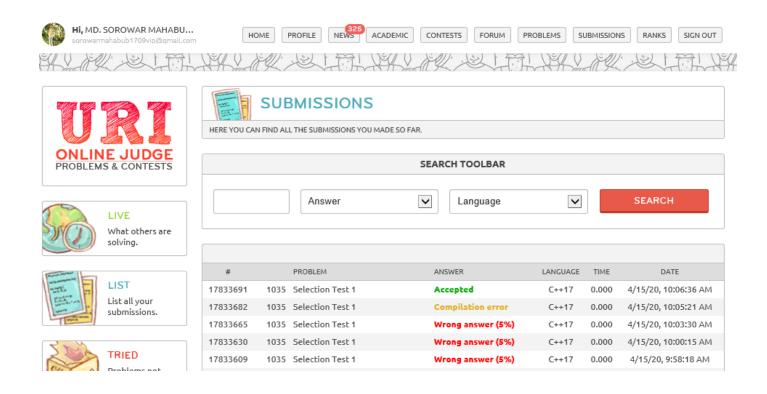
Submitted by-

MD. SOROWAR MAHABUB RABBY

Matric ID: C201032, Section: A

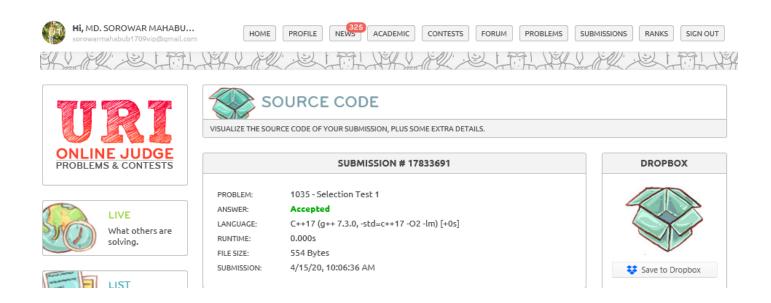
01.URI ONLINE JUDGE Problem:

All Submissions:



URI ONLINE JUDGE Problem 1035:

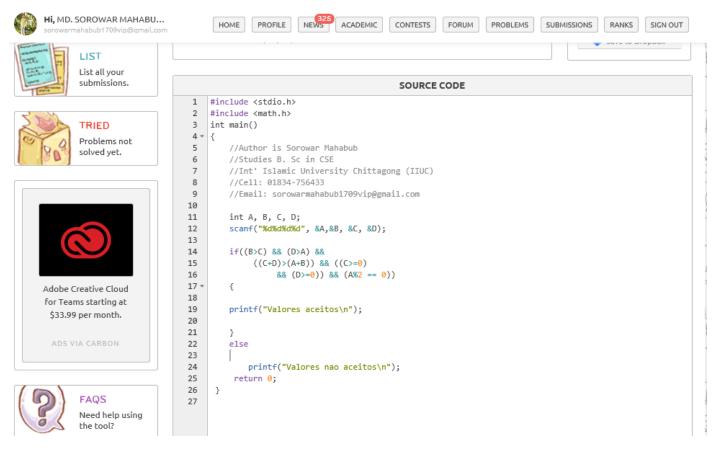
Accepted one:



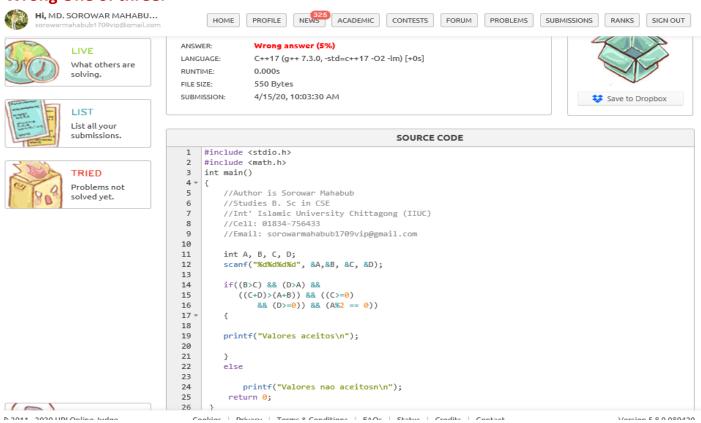
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Wrong One of three:

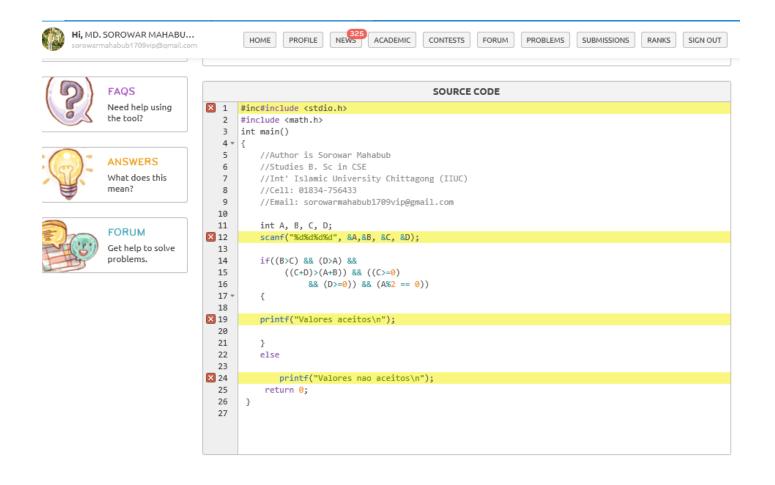


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Compilation error one:



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You will be given an integer. You have to tell whether it is even or Odd.

Sample Input	Sample Output
156	Even
0	Even
33	Odd

Answer:

```
Coding C
                                             RUN
                                                    MENU
  Auto saved at 21:22:45
1
2
₃#include <stdio.h>
4#include <math.h>
5 int main()
6 {
      //Author is Sorowar Mahabub
      //Studies B. Sc in CSE
      //Int' Islamic University Chittagong (IIUC)
9
      //Cell: 01834-756433
10
      //Email: sorowarmahabub1709vip@gmail.com
11
12
      int y;
13
      scanf("%d", &y);
14
15
      if(y \% 2 == 0)
16
      {
17
          printf(™Even\n™);
18
      }
19
           else
20
               printf("Odd\n");
21
22
       return 0;
23
  }
24
```

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Compile Result

156 Even

[Process completed - press Enter]

Compile Result

0 Even

[Process completed - press Enter]

Compile Result

33 0dd

[Process completed - press Enter]

You will be given three integers L, R and A. You have to tell if A lies between L and R or not i.e. L <= A <= R. If A is between L and R print Inside. Otherwise print Outside.

Sample Input	Sample Output
1 5 2	Inside
1 5 7	Outside
2 5 1	Outside
4 10 10	Inside

In the first case A = 2 which is between L = 1 and R = 5.

In the second case A = 7 which is outside of the range 1 to 5.

In the third case A = 1 which is outside of the range 1 to 5.

In the fourth case A = 10 which is outside of the range 1 to 5.

Answer:

```
Coding C
                                             RUN
                                                    MENU
  Auto saved at 21:17:30
₃#include <stdio.h>
4#include <math.h>
5 int main()
6 {
      //Author is Sorowar Mahabub
      //Studies B. Sc in CSE
8
      //Int' Islamic University Chittagong (IIUC)
9
      //Cell: 01834-756433
10
      //Email: sorowarmahabub1709vip@gmail.com
12
      int L, R, A;
13
      scanf('''3'd3'd3'd''', &L, &R, &A);
14
15
      if((L \le A) \&\& (A \le R))
16
      {
17
          printf("Inside\n");
18
      }
19
          else printf("Outside\m");
20
21
       return 0;
22
  }
23
```

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Compile Result

1 5 2 Inside

[Process completed - press Enter]

Compile Result

1 10 10 Inside

[Process completed - press Enter]

Compile Result

2 5 1 Outside

[Process completed - press Enter]

Compile Result

1 5 7 Outside

[Process completed - press Enter]

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 You will be given an integer Y which represents a year. You have to tell whether it is leap year or not.

Sample Input	Sample Output
1992	Leap Year
1999	Not Leap Year
2020	Leap Year

Answer:

```
Coding C
                                               RUN
                                                      MENU
  Auto saved at 21:20:31
₃#include <stdio.h>
4#include <math.h>
5 int main()
6 {
      //Author is Sorowar Mahabub
      //Studies B. Sc in CSE
      //Int' Islamic University Chittagong (IIUC)
      //Cell: 01834-756433
10
      //Email: sorowarmahabub1709vip@gmail.com
11
12
      int y;
13
      scanf(\mathbb{@}\mathbb{@}\mathbb{@}, &y);
14
15
      if((y \% 400 == 0))
16
           ||(y % 100 != 0 && y % 4 == 0))
17
      {
18
           printf("Leap Year\n");
19
      }
20
           else
21
                printf("Not Leap Year\n");
22
23
       return 0;
24
  }
25
```

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Compile Result

2000 Leap Year [Process completed - press Enter]

Compile Result

1999 Not Leap Year [Process completed - press Enter]

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