



-02

আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
الجامعة الإسلامية العالمية شيتاغونغ
International Islamic University Chittagong

Assignment

Assignment no- 06

Submission date- 15.04.2020

Course Title-Computer Programming 1 lab

Coure Code: CSE- 1121

Submitted to-

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Submitted by-

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Matric ID: C201032, Section: A

Department of CSE (Computer Science and Engineering)

01.URI ONLINE JUDGE Problem :

All Submissions :

LIVE
What others are solving.

LIST
List all your submissions.

TRIED
Problems not solved yet.

SUBMISSIONS
HERE YOU CAN FIND ALL THE SUBMISSIONS YOU MADE SO FAR.

SEARCH TOOLBAR

Answer

▼

Language

▼

SEARCH

#	PROBLEM	ANSWER	LANGUAGE	TIME	DATE
17833691	1035 Selection Test 1	Accepted	C++17	0.000	4/15/20, 10:06:36 AM
17833682	1035 Selection Test 1	Compilation error	C++17	0.000	4/15/20, 10:05:21 AM
17833665	1035 Selection Test 1	Wrong answer (5%)	C++17	0.000	4/15/20, 10:03:30 AM
17833630	1035 Selection Test 1	Wrong answer (5%)	C++17	0.000	4/15/20, 10:00:15 AM
17833609	1035 Selection Test 1	Wrong answer (5%)	C++17	0.000	4/15/20, 9:58:18 AM

URI ONLINE JUDGE Problem 1035:

Accepted one:

LIVE
What others are solving.

LIST
List all your submissions.

SOURCE CODE
VISUALIZE THE SOURCE CODE OF YOUR SUBMISSION, PLUS SOME EXTRA DETAILS.

SUBMISSION # 17833691

PROBLEM: 1035 - Selection Test 1
ANSWER: Accepted
LANGUAGE: C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME: 0.000s
FILE SIZE: 554 Bytes
SUBMISSION: 4/15/20, 10:06:36 AM

DROPBOX

Save to Dropbox

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LIST
List all your submissions.

TRIED
Problems not solved yet.

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ADS VIA CARBON

FAQS
Need help using the tool?

SOURCE CODE

```

1 #include <stdio.h>
2 #include <math.h>
3 int main()
4 {
5     //Author is Sorowar Mahabub
6     //Studies B. Sc in CSE
7     //Int' Islamic University Chittagong (IIUC)
8     //Cell: 01834-756433
9     //Email: sorowarmahabub1709vip@gmail.com
10
11     int A, B, C, D;
12     scanf("%d%d%d%d", &A,&B, &C, &D);
13
14     if((B>C) && (D>A) &&
15        ((C+D)>(A+B)) && ((C>=0)
16           && (D>=0)) && (A%2 == 0))
17     {
18         printf("Valores aceitos\n");
19     }
20     else
21     {
22         printf("Valores nao aceitos\n");
23     }
24     return 0;
25 }
26
27

```

Wrong One of three:

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LIVE
What others are solving.

LIST
List all your submissions.

TRIED
Problems not solved yet.


ANSWER: **Wrong answer (5%)**

LANGUAGE: C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]

RUNTIME: 0.000s

FILE SIZE: 550 Bytes

SUBMISSION: 4/15/20, 10:03:30 AM

 Save to Dropbox

SOURCE CODE

```

1 #include <stdio.h>
2 #include <math.h>
3 int main()
4 {
5     //Author is Sorowar Mahabub
6     //Studies B. Sc in CSE
7     //Int' Islamic University Chittagong (IIUC)
8     //Cell: 01834-756433
9     //Email: sorowarmahabub1709vip@gmail.com
10
11     int A, B, C, D;
12     scanf("%d%d%d%d", &A,&B, &C, &D);
13
14     if((B>C) && (D>A) &&
15        ((C+D)>(A+B)) && ((C>=0)
16           && (D>=0)) && (A%2 == 0))
17     {
18         printf("Valores aceitos\n");
19     }
20     else
21     {
22         printf("Valores nao aceitos\n");
23     }
24     return 0;
25 }
26

```

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Compilation error one:


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FAQS
 Need help using the tool?


ANSWERS
 What does this mean?


FORUM
 Get help to solve problems.

SOURCE CODE

```

1  #inc#include <stdio.h>
2  #include <math.h>
3  int main()
4  {
5      //Author is Sorowar Mahabub
6      //Studies B. Sc in CSE
7      //Int' Islamic University Chittagong (IIUC)
8      //Cell: 01834-756433
9      //Email: sorowarmahabub1709vip@gmail.com
10
11     int A, B, C, D;
12     scanf("%d%d%d%d", &A, &B, &C, &D);
13
14     if((B>C) && (D>A) &&
15        ((C+D)>(A+B)) && ((C>=0)
16           && (D>=0)) && (A%2 == 0))
17     {
18
19     printf("Valores aceitos\n");
20
21     }
22     else
23
24     printf("Valores nao aceitos\n");
25     return 0;
26 }
27

```

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2. 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

Auto saved at 21:22:45

RUN MENU

```

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

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Compile Result

156
Even

[Process completed - press Enter]

Compile Result

0
Even

[Process completed - press Enter]

Compile Result

33
Odd

[Process completed - press Enter]

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3. 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. $L \leq A \leq R$. 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

Auto saved at 21:17:30

RUN

MENU

```

1
2
3 #include <stdio.h>
4 #include <math.h>
5 int main()
6 {
7     //Author is Sorowar Mahabub
8     //Studies B. Sc in CSE
9     //Int' Islamic University Chittagong (IIUC)
10    //Cell: 01834-756433
11    //Email: sorowarmahabub1709vip@gmail.com
12
13    int L, R, A;
14    scanf("%d%d%d", &L, &R, &A);
15
16    if((L <= A) && (A <= R))
17    {
18        printf("Inside\n");
19    }
20    else printf("Outside\n");
21
22    return 0;
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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4. 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

Auto saved at 21:20:31

RUN MENU

```

1
2
3 #include <stdio.h>
4 #include <math.h>
5 int main()
6 {
7     //Author is Sorowar Mahabub
8     //Studies B. Sc in CSE
9     //Int' Islamic University Chittagong (IIUC)
10    //Cell: 01834-756433
11    //Email: sorowarmahabub1709vip@gmail.com
12
13    int y;
14    scanf("%d", &y);
15
16    if((y % 400 == 0)
17        ||(y % 100 != 0 && y % 4 == 0))
18    {
19        printf("Leap Year\n");
20    }
21    else
22        printf("Not Leap Year\n");
23
24    return 0;
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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