Bismillahhir Rahmanir Rahim

আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম

الجامعة الإسلامية العالمية شيتاغونغ

International Islamic University Chittagong

Assignment

Assignment no- 09

Submission date- 24.04.2020

Course Title-Computer Programming 1 lab

Course Code: CSE- 1121

Submited to-

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Submitted by-

MD. SOROWAR MAHABUB RABBY

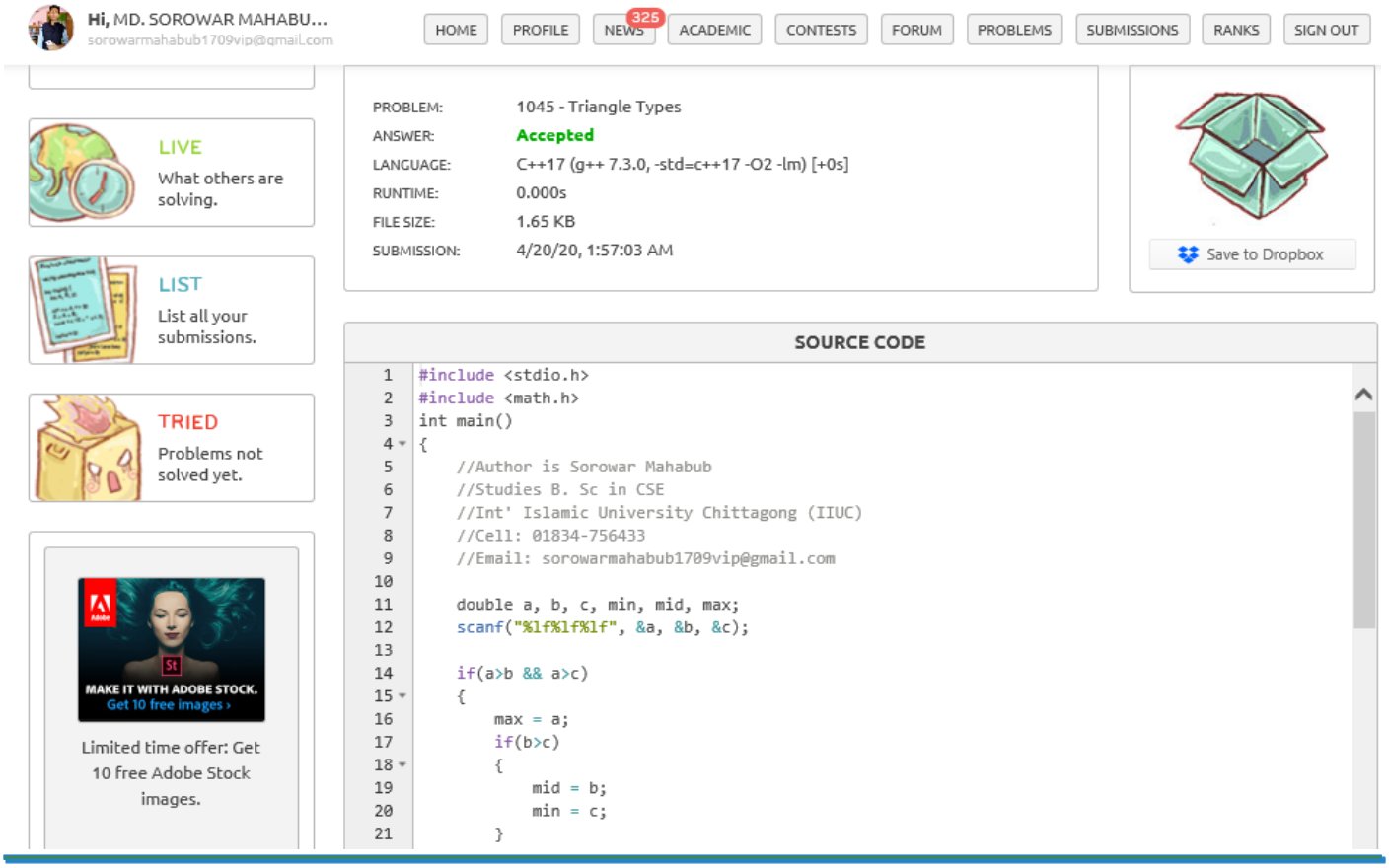
Matric ID: C201032, Section: A

Department of CSE (Computer Science and Engineering)

1. URI 1045, 1046, 1047*, 1048, 1050, 1051*

All Submissions:

Accepted all with source code:



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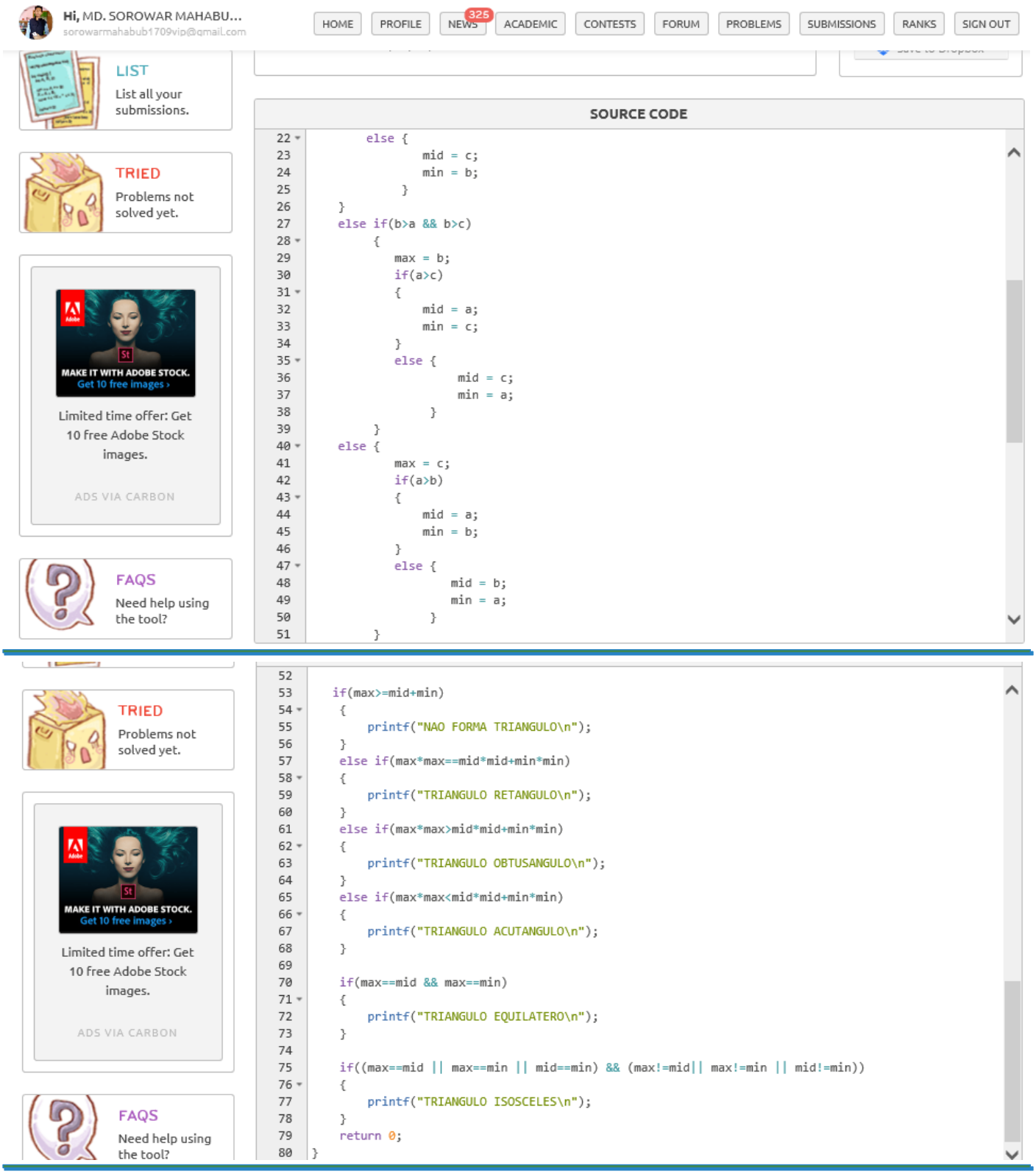

Submitted by-

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Hi, MD. SOROWAR MAHABU...
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SOURCE CODE

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

SUBMISSION # 17896027

PROBLEM:	1046 - Game Time
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	637 Bytes
SUBMISSION:	4/20/20, 11:00:19 AM

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SOURCE CODE

```
1  #include <stdio.h>
2  int main()
3  {
4      //Author is Sorowar Mahabub
5      //Studies B. Sc in CSE
6      //Int' Islamic University Chittagong (IIUC)
7      //Cell: 01834-756433
8      //Email: sorowarmahabub1709vip@gmail.com
9
10     int a, b, t;
11     scanf("%d%d", &a, &b);
12
13     if(a == b)
14     {
15         printf("O JOGO DUROU 24 HORA(S)\n");
16     }
17     else if(a < b)
18         {
19             t = b - a;
20             printf("O JOGO DUROU %d HORA(S)\n", t);
21         }
22         else if(a > b)
23             {
24                 t =(b+24) - a;
25                 printf("O JOGO DUROU %d HORA(S)\n", t);
26             }
27     return 0;
28 }
```

Submitted by-

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

SUBMISSION # 17937203

PROBLEM:	1047 - Game Time with Minutes
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	860 Bytes
SUBMISSION:	4/23/20, 1:28:31 PM

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SOURCE CODE

```
#include <stdio.h>
int main()
{
    //Author is Sorowar Mahabub
    //Studies B. Sc in CSE
    //Int' Islamic University Chittagong (IIUC)
    //Cell: 01834-756433
    //Email: sorowarmahabub1709vip@gmail.com

    int a, b, c, d, th, td, tm, x, y, z, w;
    scanf("%d%d%d%d", &a, &b, &c, &d);

    x = a * 60;
    y = c * 60;

    z = x + b;
    w = y + d;

    if(z == w)
    {
        printf("O JOGO DUROU 24 HORA(S) E 0 MINUTO(S)\n");
    }
    else if(z > w)
    {
        td = (24 * 60) - (z - w);
        th = td / 60;
        tm = td % 60;
        printf("O JOGO DUROU %d HORA(S) E %d MINUTO(S)\n", th, tm);
    }
    else if(z < w)
    {
        td = w - z;
        th = td / 60;
        tm = td % 60;
        printf("O JOGO DUROU %d HORA(S) E %d MINUTO(S)\n", th, tm);
    }
    return 0;
}
```

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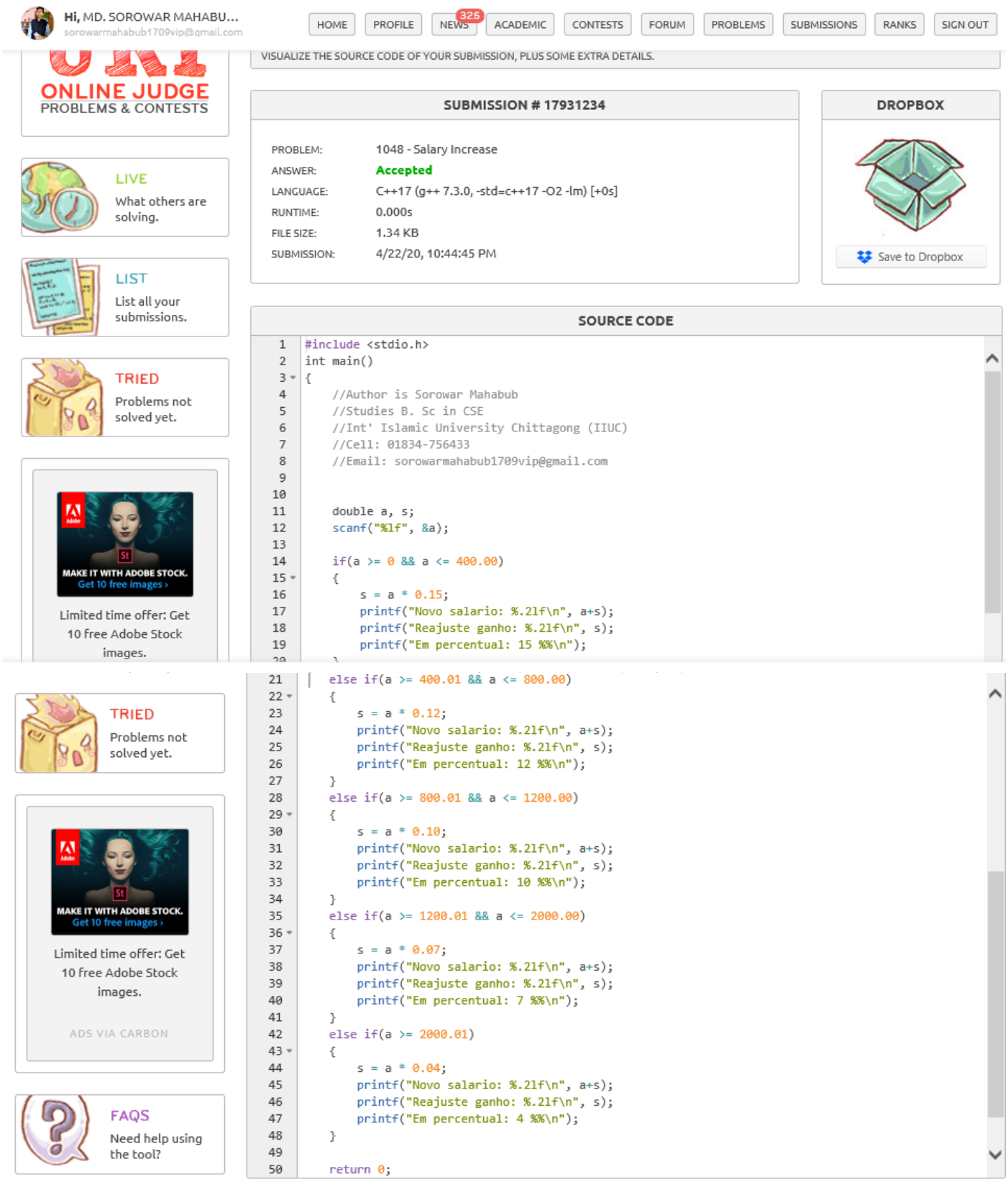

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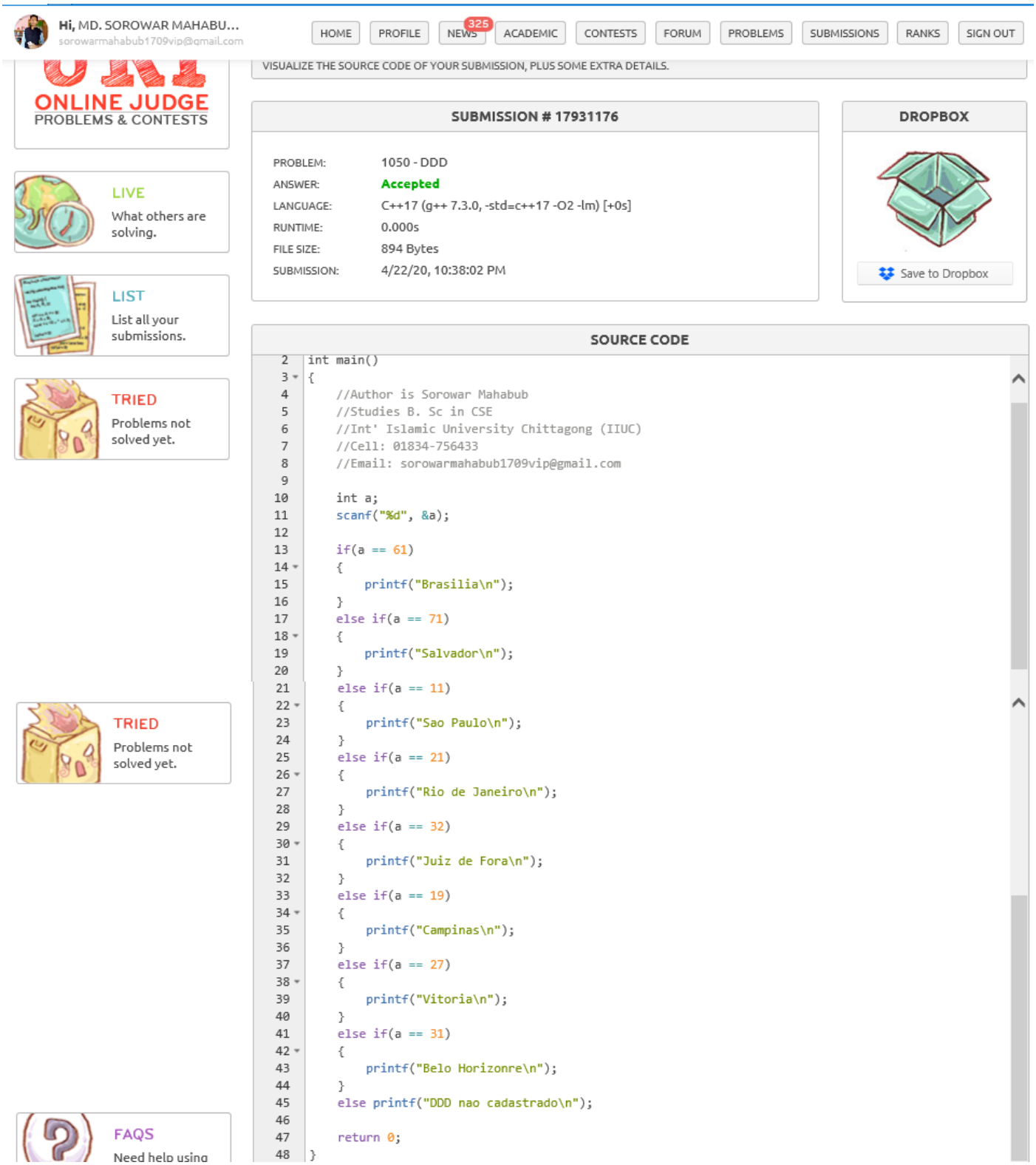

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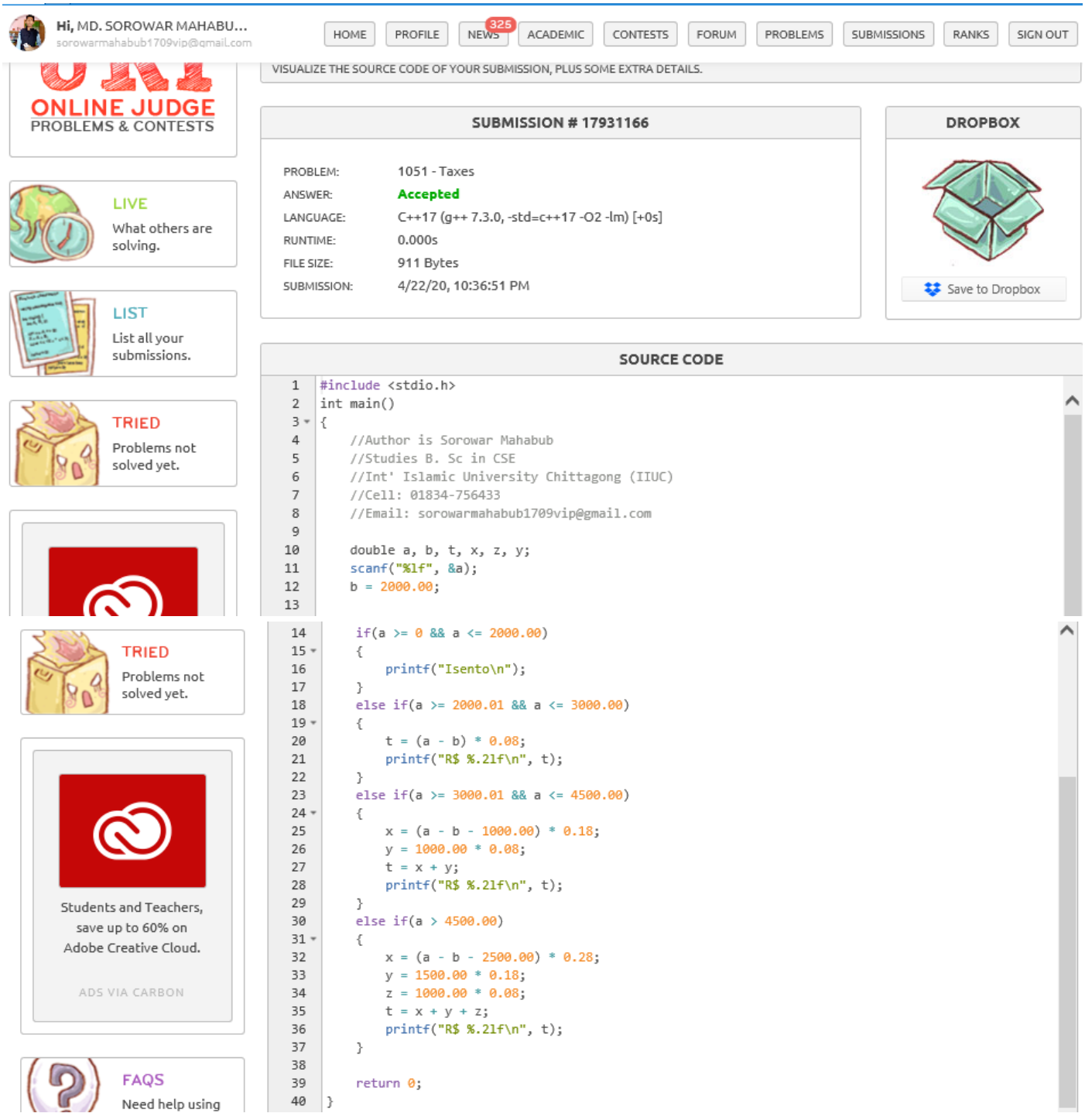

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2. You know how to play rock paper scissor game. For two input of two different players you have to tell whether **Player 1 wins** or **Player 2 wins** or it's a **Draw**.

Sample Input	Sample Output
R S	Player 1 wins
P S	Player 2 wins
S S	Draw

Answer for above question :

Coding C

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RUN MENU

```c
#include <stdio.h>
int main()
{
    char p1, p2;
    scanf("%c %c", &p1, &p2);

    if(p1 == p2)
    {
        printf("Draw\n");
    }
    else if(p1 == 'R' && p2 == 'P')
    {
        printf("Player 2 wins\n");
    }
    else if(p1 == 'R' && p2 == 'S')
    {
        printf("Player 1 wins\n");
    }
    else if(p1 == 'P' && p2 == 'R')
    {
        printf("Player 1 wins\n");
    }
    else if(p1 == 'S' && p2 == 'R')
    {
        printf("Player 2 wins\n");
    }
    else if(p1 == 'P' && p2 == 'S')
    {
        printf("Player 2 wins\n");
    }
    else if(p1 == 'S' && p2 == 'P')
    {
        printf("Player 1 wins\n");
    }
    return 0;
}
```

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