Bismillahhir Rahmanir Rahim

আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
الجامعة الإسلامية شيتاغونغ
International Islamic University Chittagong

Assignment

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)

01. URI ONLINE JUDGE Problem (1017 to 1020):

>All submission's of mentioned problems in URI ONLINE JUDGE :

17801906	1019	Time Conversion	Accepted	C++17	0.000	4/13/20, 2:16:01 AM
17801904	1020	Age in Days	Accepted	C++17	0.000	4/13/20, 2:15:29 AM
17801899	1019	Time Conversion	Compilation error	C++17	0.000	4/13/20, 2:14:54 AM
17801897	1018	Banknotes	Accepted	C++17	0.000	4/13/20, 2:14:02 AM
17801886	1018	Banknotes	Compilation error	C++17	0.000	4/13/20, 2:12:30 AM
17801870	1018	Banknotes	Compilation error	C++17	0.000	4/13/20, 2:08:00 AM
17801859	1017	Fuel Spent	Accepted	C++17	0.000	4/13/20, 2:05:20 AM

>All accepted :

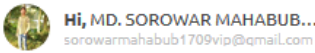|							
17801906	1019	Time Conversion	Accepted	C++17	0.000	4/13/20, 2:16:01 AM
17801904	1020	Age in Days	Accepted	C++17	0.000	4/13/20, 2:15:29 AM
17801897	1018	Banknotes	Accepted	C++17	0.000	4/13/20, 2:14:02 AM
17801859	1017	Fuel Spent	Accepted	C++17	0.000	4/13/20, 2:05:20 AM

Submitted by-

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Department of CSE (Computer Science and Engineering)

> URI ONLINE JUDGE Problem 1017's Solution :

ONLINE JUDGE
PROBLEMS & CONTESTS
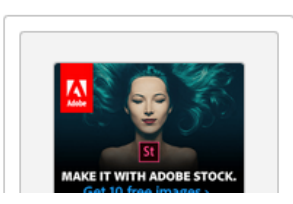
LIVE
What others are solving.

LIST
List all your submissions.

TRIED
Problems not solved yet.

SUBMISSION # 17801859

PROBLEM:	1017 - Fuel Spent
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	452 Bytes
SUBMISSION:	4/13/20, 2:05:20 AM

DROPBOX

Save to Dropbox

SOURCE CODE

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

    int spenttime, averagespeed;
    double T;
    scanf("%d%d", &spenttime, &averagespeed);

    T = (spenttime * averagespeed) / 12.0;

    printf("%.3lf\n", T);
    return 0;
}
```

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> URI ONLINE JUDGE Problem 1018's Solution :

SUBMISSION # 17801897

PROBLEM:	1018 - Banknotes
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	790 Bytes
SUBMISSION:	4/13/20, 2:14:02 AM

DROPBOX

SOURCE CODE

```c
#include <stdio.h>
#include <math.h>
int main()
{
    int n;
    int n0, n1, n2, n3, n4;
    int n5, n6, n7, n8;
    int n9, n10, n11, n12;

    scanf("%d", &n);
    printf("%d\n", n);

    n0 = n/ 100;
    printf("%d nota(s) de R$ 100,00\n", n0);

    n1 = n % 100;
    n2 = n1/ 50;
    printf("%d nota(s) de R$ 50,00\n", n2);

    n3 = n1 % 50;
    n4 = n3/ 20;
    printf("%d nota(s) de R$ 20,00\n", n4);

    n5 = n3 % 20;
    n6 = n5/ 10;
    printf("%d nota(s) de R$ 10,00\n", n6);

    n7 = n5 % 10;
    n8 = n7/ 5;
    printf("%d nota(s) de R$ 5,00\n", n8);

    n9 = n7 % 5;
    n10 = n9/ 2;
    printf("%d nota(s) de R$ 2,00\n", n10);

    n11 = n9 % 2;
    printf("%d nota(s) de R$ 1,00\n", n11);

    return 0;
}
```

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> URI ONLINE JUDGE Problem 1019's Solution :

PROBLEM: 1019 - Time Conversion
ANSWER: **Accepted**
LANGUAGE: C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME: 0.000s
FILE SIZE: 459 Bytes
SUBMISSION: 4/13/20, 2:16:01 AM

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SOURCE CODE

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

    int sc, h, m, s, mm;
    scanf("%d", &sc);

    h = sc / 3600;
    mm = sc % 3600;
    m = mm / 60;
    s = mm % 60;

    printf("%d:%d:%d\n", h, m, s);


    return 0;

}
```

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> URI ONLINE JUDGE Problem 1020's Solution :

SUBMISSION # 17801904

PROBLEM:	1020 - Age in Days
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.000s
FILE SIZE:	487 Bytes
SUBMISSION:	4/13/20, 2:15:30 AM

DROPBOX

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SOURCE CODE

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

    int age, y, m, d, mm;
    scanf("%d", &age);

    y = age / 365;
    mm = age % 365;
    m = mm / 30;
    d = mm % 30;

    printf("%d ano(s)\n%d mes(es)\n%d dia(s)\n", y, m, d);


    return 0;

}
```
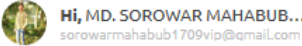
Submitted by-
MD. SOROWAR MAHABUB RABBY
Matric ID: C201032, Section: A
Department of CSE (Computer Science and Engineering)
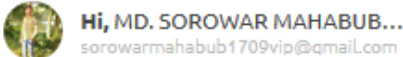
> All Compilation's :

> One of Compilation;s:


```
1   19
2   #include <stdio.h>
3   #include <math.h>
4   int main()
5   {
6       //Author is Sorowar Mahabub
7       //Studies B. Sc in CSE
8       // International Islamic University Chittagong (IIUC)
9       //Cell: 01834-756433
10      //Email: sorowarmahabub1709vip@gmail.com
11
12      int sc, h, m, s, mm;
13      scanf("%d", &sc);
14
15      h = sc / 3600;
16      mm = sc % 3600;
17      m = mm / 60;
18      s = mm % 60;
19
20      printf("%d:%d:%d\n", h, m, s);
21
22
```

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02. Answer for " *You will be given a 3 digit integer i.e. between 100 and 999. You have to print it's digits separately* " :

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

    int num, n, o, oo, m;
    scanf("%d", &num);

    n = num / 100;
    o = num % 100;
    oo = o / 10;
    m = num % 10;

    printf("%d\n%d\n%d", n, oo, m);

    return 0;
}
```

```
"C:\Users\Sorwar\Documents\URI000 3digit in 3 lines\bin\Debu...    —    □    ✕
749
7
4
9
Process returned 0 (0x0)    execution time : 87.470 s
Press any key to continue.
```

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