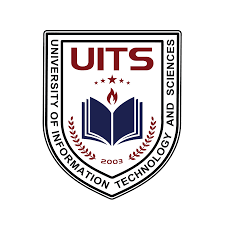
**University Of Information Technology & Sciences**



**Department of Computer Science and Engineering**

Structure Programming Language Lab

CSE 102

Lab Report – 01

**Submitted By**

Name : Sabbir Ahmed

ID : 2215151140

Section : C2

**Submitted to**

Md. Mahmodul Hasan

Lecturer

**Spring 2022**

**Problem No.: 01**

**Problem Name: Hello World!**

**Submissions:**



**Solution:**

#include<stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151137

\* Lab No: 01

\*/

printf("Hello World!\n");

return 0;

}

**Problem No.: 02**

**Problem Name: Extremely Basic**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 02

\*/

int A, B, X;

scanf("%d", &A);

scanf("%d", &B);

X=A+B;

printf("X = %d\n", X);

return 0;

}

**Problem No.: 03**

**Problem Name: Area Of Circle**

**Submissions:**



**Solution:**

#include<stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 03

\*/

double A,n,r;

n=3.14159;

scanf("%lf",&r);

A=n\*r\*r;

printf("A=%.4lf\n",A);

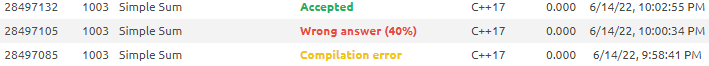
return 0;

}

**Problem No.: 04**

**Problem Name: Simple Sum**

**Submissions:**

****

**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir ahmed

\* ID: 2215151140

\* Lab No: 04

\*/

int SOMA,A,B;

scanf("%d%d",&A,&B);

SOMA=A+B;

printf("SOMA = %d\n",SOMA);

return 0;

}

**Problem No.: 05**

**Problem Name: Simple Product**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 05

\*/

int A,B;

scanf("%d%d",&A,&B);

int PROD;

PROD=A\*B;

printf("PROD = %d\n",PROD);

return 0;

}

**Problem No.: 06**

**Problem Name: Average 1**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 06

\*/

float A,B,MEDIA;

scanf("%f%f",&A,&B);

A=A\*3.5;

B=B\*7.5;

MEDIA=(A+B)/(3.5+7.5);

printf("MEDIA = %.5f\n",MEDIA);

return 0;

}

**Problem No.: 07**

**Problem Name: Average 2**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 07

\*/

float A,B,C,MEDIA;

scanf("%f%f%f",&A,&B,&C);

A=A\*2;

B=B\*3;

C=C\*5;

MEDIA=(A+B+C)/(2+3+5);

printf("MEDIA = %.1f\n",MEDIA);

return 0;

}

**Problem No.: 08**

**Problem Name: Difference**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 09

\*/

int NUMBER,AMOUNT;

scanf("%d%d",&NUMBER,&AMOUNT);

float HOUR,SALARY;

scanf("%f",&HOUR);

SALARY=AMOUNT\*HOUR;

printf("NUMBER = %d\n",NUMBER);

printf("SALARY = U$ %.2f\n",SALARY);

return 0;

}

**Problem No.: 09**

**Problem Name: Salary**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 09

\*/

int NUMBER,AMOUNT;

scanf("%d%d",&NUMBER,&AMOUNT);

float HOUR,SALARY;

scanf("%f",&HOUR);

SALARY=AMOUNT\*HOUR;

printf("NUMBER = %d\n",NUMBER);

printf("SALARY = U$ %.2f\n",SALARY);

return 0;

}

**Problem No.: 10**

**Problem Name: Salary With Bonus**

**Submissions:**



**Solution:**

#include <stdio.h>

int main()

{

/\*\*

\* Name: Sabbir Ahmed

\* ID: 2215151140

\* Lab No: 10

\*/

char name [30];

scanf("%s",name);

double SALARY,SALES,TOTAL;

scanf("%lf%lf",&SALARY,&SALES);

TOTAL=SALARY + (SALES\*0.15);

printf("TOTAL = R$ %.2lf\n",TOTAL);

return 0;

}