

### 1.Print "your name-SOA University".

```
#include<stdio.h>

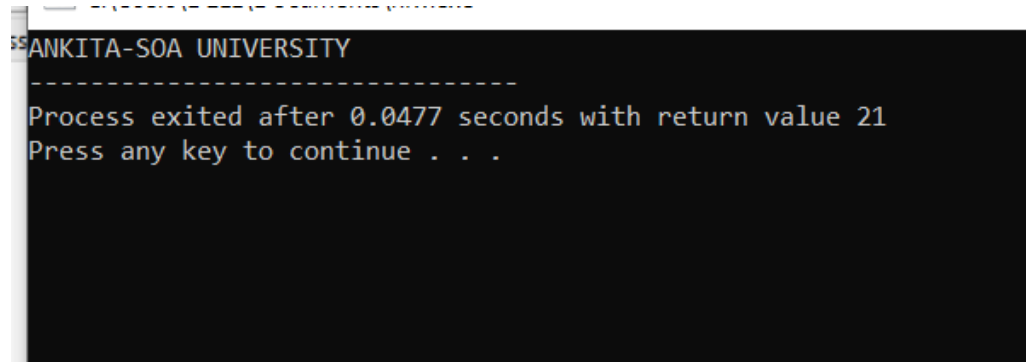
void main()

{

    printf("ANKITA-SOA UNIVERSITY");

}
```

Output:



```
ANKITA-SOA UNIVERSITY
-----
Process exited after 0.0477 seconds with return value 21
Press any key to continue . . .
```

### 2.Print your name, mobile number and email id in different lines.

```
#include<stdio.h>

void main()

{

    printf("ANKITA PATTANAIAK\n");

    printf("mob no. : 9348334860\n");

    printf("email_id:ankitapattanaik92@gmail.com\n");

}
```

```
ANKITA PATTANAIAK
mob no. : 9348334860
email_id:ankitapattanaik92@gmail.com

-----
Process exited after 0.07064 seconds with return value 0
Press any key to continue . . .
```

### 3. Get int float and character as input then print the same.

```
#include<stdio.h>

void main()
{
    char character;
    int integer;
    float inputfloat;
    printf("enter a character:");
    scanf("%c",&character);
    printf("enter an integer:");
    scanf("%d",&integer);
    printf("enter a float:");
    scanf("%f",&inputfloat);
}
```

C:\Users\DELL\Documents\hlw.exe

```
enter a character:a
enter an integer:5
enter a float:7.67
```

```
-----
Process exited after 17.45 seconds with return value 1
Press any key to continue . . .
```

#### 4.Find the cube of a given number.

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int n,cube;
```

```
    n=5;
```

```
    cube=n*n*n;
```

```
    printf("\ncube of the number of the given number is= %d",cube);
```

```
}
```

```
cube of the number of the given number is= 125
```

```
-----
Process exited after 0.04823 seconds with return value 47
Press any key to continue . . .
```

### 5.Find the sum of the given number.

```
#include<stdio.h>

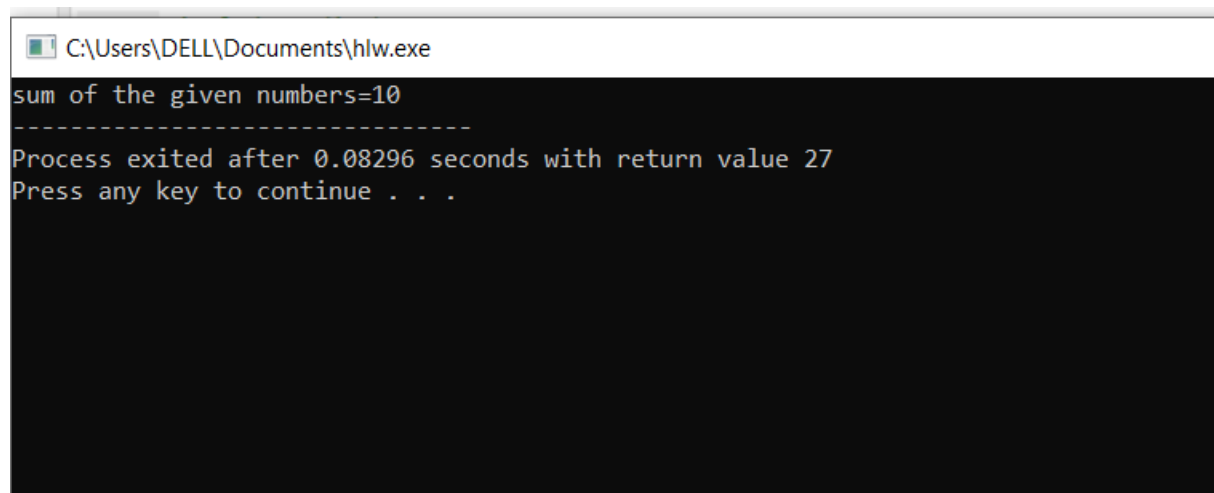
void main()
{
    int n,m,sum;

    n=4;

    m=6;

    sum=n+m;

    printf("sum of the given numbers=%d",sum);
}
```



```
C:\Users\DELL\Documents\hlw.exe
sum of the given numbers=10
-----
Process exited after 0.08296 seconds with return value 27
Press any key to continue . . .
```

### 6.Find a student average mark given mark1 and mark2.

```
#include<stdio.h>

void main()
{
    int mark1,mark2,sum;

    float avg;

    mark1=88;
```

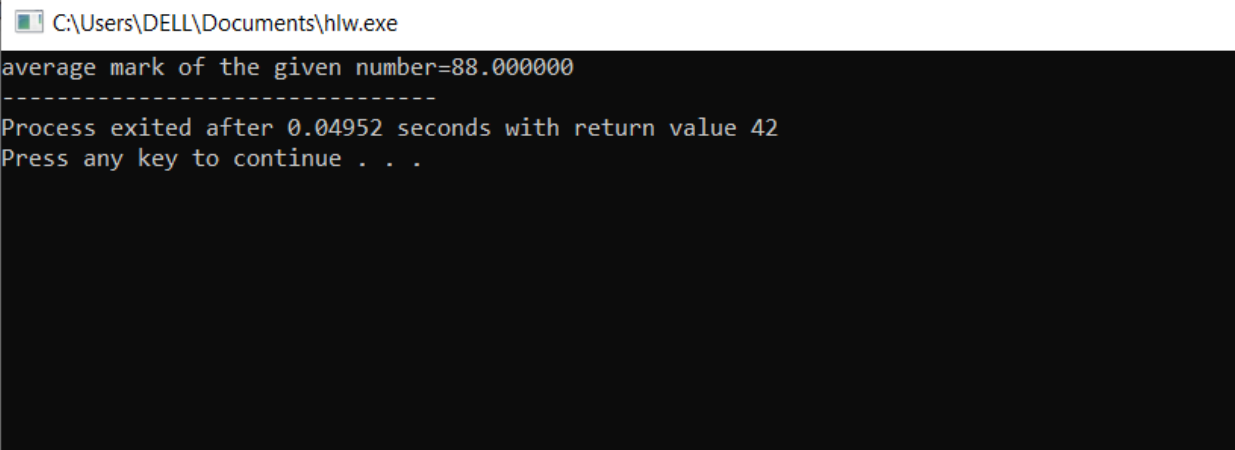
```
mark2=89;

sum=mark1+mark2;

avg=sum/2;

printf("average mark of the given number=%f",avg);

}
```



The screenshot shows a Windows command prompt window with the title bar "C:\Users\DELL\Documents\hlw.exe". The command prompt displays the output of a program: "average mark of the given number=88.000000", followed by a dashed line separator, "Process exited after 0.04952 seconds with return value 42", and "Press any key to continue . . .".

**7. Calculate the total fine charged by library for late-return books. The charge is 0.20INR for 1 day.**

```
#include<stdio.h>

void main()

{

    float days,charge,fine;

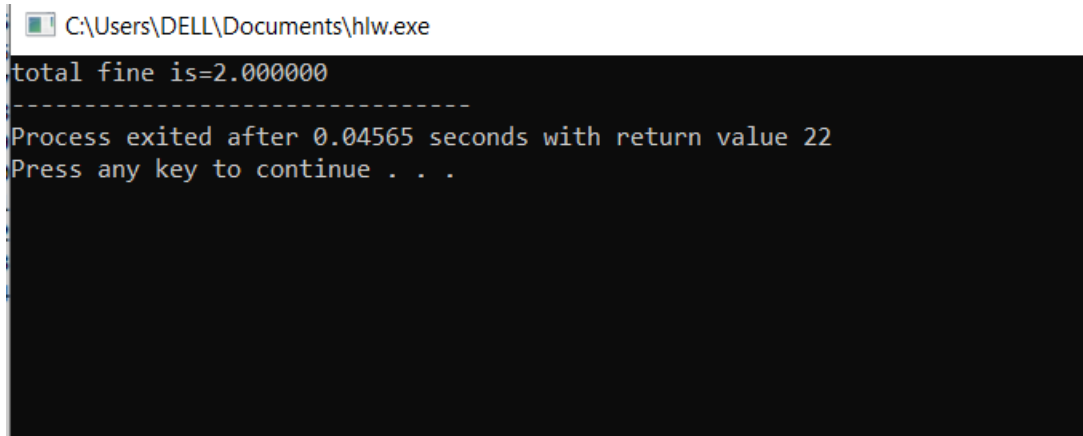
    charge=0.20;

    days=10;

    fine= days*charge;

    printf("total fine is=%f",fine);

}
```



```
C:\Users\DELL\Documents\hlw.exe
total fine is=2.000000
-----
Process exited after 0.04565 seconds with return value 22
Press any key to continue . . .
```

8.You had bought a shirt with cost RS.29.90 with discount 15%. find the discounted price.

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    float markedcost,discount,discountprice,soldcost;
```

```
    markedcost=29.90;
```

```
    discount=0.15;
```

```
    discountprice= markedcost*discount;
```

```
    soldcost=markedcost-discount;
```

```
    printf("selling price of the shirt is Rs=%f",soldcost);
```

```
}
```

```
5 C:\Users\DELL\Documents\hlw.exe
6
7 selling price of the shirt is Rs=29.750000
8 -----
9 Process exited after 0.1051 seconds with return value 42
0 Press any key to continue . . .
```

9.Swap two numbers using third variable.

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int num1,num2,num3;
```

```
    num1=5,num2=7;
```

```
    printf("the numbers before swapping are num1=%d num2=%d",num1,num2);
```

```
    num3=num1;
```

```
    num1=num2;
```

```
    num2=num3;
```

```
    printf("\nthe numbers after swapping are num1=%d num2=%d",num1,num2);
```

```
}
```

C:\Users\DELL\Documents\hlw.exe

the numbers before swapping are num1=5 num2=7

the numbers after swapping are num1=7 num2=5

-----

Process exited after 0.08375 seconds with return value 45

Press any key to continue . . .

10.Swap two numbers without using third variable.

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int num1,num2;
```

```
    num1=51,num2=16;
```

```
    printf("the numbers before swapping are num1=%d num2=%d",num1,num2);
```

```
    num1=num1+num2;
```

```
    num2=num1-num2;
```

```
    num1=num1-num2;
```

```
    printf("\nthe numbers after swapping are num1=%d num2=%d",num1,num2);
```

```
}
```



C:\Users\DELL\Documents\hlw.exe

the numbers before swapping are num1=51 num2=16

the numbers after swapping are num1=16 num2=51

-----

Process exited after 0.02824 seconds with return value 47

Press any key to continue . . .