(1)Print "your name –SOA University".

Ans:-

```
 #include<stdio.h>

Main()

{

Printf("Abhijeet-SOA University");

}
```

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

Ans:-

```
#include<stdio.h>

Main()

{

Printf("Abhijeet behuria\n 9337271321\n abhijeetbehuria0145@gmail.com");

}
```

(3)Get int,float and char as input,then print the same.

Ans:-

```
#include<stdio.h>

Main()

{

int a1;

float a2;

char a3;

printf("enter a number");

scanf("%d",&a1);

printf("enter a number as per your wish");
```

scanf("%f",&a2);

printf("enter a character as per your wish");

scanf("%c",&a3);

printf("%d",a1);

printf(" \n %f",a2);

printf(" \n %c",a3);

}

(4)Find the cube of a given number.

Ans:-

#include<stdio.h>

Main()

{

int c,e;

printf("enter a num");

scanf("%d",&c);

e=c*c*c;

printf("cube is %d",e);

}

(5)Find the sum of 5 given number.

Ans:-

#include<stdio.h>

Main()

{

int a,b,c,d,e,f;

printf("enter a number as per your wish");

```
scanf("%d",&a);

printf("enter a number as per your wish");

scanf("%d",&b);

 printf("enter a number as per your wish");

scanf("%d",&c);

 printf("enter a number as per your wish");

scanf("%d",&d);

printf("enter a number as per your wish");

scanf("%d",&e);

f=a+b+c+d+e;

printf("sum of the inputted 5 number is %d",f);

}
```

(6)Find a student average mark given mark1 and mark2.

```
Solution:-

#include<stdio.h>

 main()

{

float mark1,mark2,avg;

printf("enter first subject mark ");

scanf("%f",&mark1);

printf("enter second subject mark");

scanf("%f",&mark2);

avg=(mark1+mark2)/2 ;

printf("average mark is %f ",avg);

}
```

(7)Calculate the total fine charged by library for late reurn books.The charge is 0.20 INR per day.

Solution:-

```c
#include<stdio.h>

Main()

{

float a,b ;

printf("enter how many days that you have taken to return the book");

scanf("%f",&a);

b=a*0.20;

printf("Total fine is %f",b);

}
```

(8)You had bought a nice shirt which cost 29.90 with 15% discount .Count the net price for the shirt.

Solution:-

```c
#include<stdio.h>

Main()

 {

float a,b;

a=29.90 ;

b=(29.90 *100)/85 ;       // 85 because you are going to pay only 85% of the printed price

printf("net price is %f",b);

}
```

(9)Swap two numbers with third variable.

Ans:-

```c
#include<stdio.h>

Main()
```

```c
{
int x,y,swap;

printf("enter a number as per your wish");

scanf("%d",&x);

printf("enter a number as per your wish");

scanf("%d",&y);

swap=x;

x=y;

y=swap;

printF("after swapping x is %d",x);

printF(" \n after swapping x is %d",y);

}
```

(10)Swap two numbers without 3rd variable .

Ans:-

```c
#include<stdio.h>

Main()

{

int x,y;

printf("enter a number as per your wish");

scanf("%d",&x);

printf("enter a number as per your wish");

scanf("%d",&y);

x=x+y;

y=x-y;
```

```
x=x-y;

printF("after swapping x is %d",x);

printF(" \n after swapping y is %d",y);

}
```