1.Print "your name-SOA University".

```
include<stdio.h>
int main()
{
        char name [30]="SOA University";
        printf("SASHMITA JENA-SOA University");
        return 0;
}
OUTPUT:Sashmita Jena-SOA University
```

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

```
include<stdio.h>
int main()
{
        Printf("Name:SASHMITA JENA\n");
        printf("Mob no.:7008277259\n") ;
        printf("Email  ID:sashmitaqjena0498@gmail.com");
        return 0;
}
```

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

```
include<stdio.h>
int main()

{
    int a;
     float b;
      char c[100];
      printf("enter an integer value:");
      scanf("%d",&a);
       printf("enter a decimal value:");
       scanf("%f",&b);
       printf("enter a character name: ");
```

```c
        scanf("%s",&c);
        printf("%d,%f,%s",a,b,c);
return 0;
}
```

4.Find the cube of the given number.

```c
include<stdio.h>
int main()
{
    int num,cube;
    printf("enter a number:");
    scanf("%d"&num);
    cube=num*num*num;
    printf("cube of a number is %d",cube);
return 0;
}
```

5.Find the sum of the five given numbers.

```c
include<stdio.h>
int main()
{
    int num,n1,n2,n3,n4,n5;
    printf("enter  five numbers:");
    scanf("%d %d %d %d %d",&n1,&n2,&n3,&n4,&5);
    sum=n1+n2+n3+n4+n5;
    printf("sum of five numbers is %d",sum);
return 0;
}
```

   OUTPUT:enter five numbers: 3 4 5 6 8

          Sum of five numbers is 31

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

```c
include<stdio.h>
    int main()
```

```c
{
        float mark1,mark2,avg;
        printf("enter mark 1 :");
        scanf("%f ",&mark1);
        printf("enter mark 2 :");
        scanf("%f ",&mark2);
        avg=(mark1+mark2)/2;
        printf(" average is %0.2f\n",avg);
    return 0;
    }
```

OUTPUT:enter mark 1:87

    Enter mark 2:90

    Avg:88.5

7.Calculate the fine charged by the library for the late returning of books.The charge is 0.20 INR for 1 day.

```c
include<stdio.h>
int main()
{
        int n;
        double fine=0.20;
        printf("enter the number of days delayed:");
        scanf("%d",&n);
        fine=0.20*n;
        printf("total fine is %f\n",avg);
    return 0;
    }
```

 OUTPUT:enter the number of days delayed:30

   Total fine=6.000000

8.You had bought a nice shirt which cost Rs.29.90 exclusive of 15% discount.Count the discounted price for the shirt.

```c
 include<stdio.h>
        int main()
```

```c
{
    float cost_price=29.90,discount=0.15,discounted_price,;
    printf("enter the cost_price :");
    scanf("%f",&cost_price);
    discounted_price=0.15*cost_price;

    printf("discounted_price is %f\n",discounted_price);
    return 0;
}
```

OUTPUT:

9.Swap two variables with third number.

```c
include<stdio.h>
int main()
{
    Int x,y,num;
    printf("enter a value :");
    scanf("%d",&x);
    printf("enter a value :");
    scanf("%d",&y);
    z=num;
    x=y;
    y=num;
    printf(" after swapping x is %d",x );
    printf("\n after swapping x is %d",y);
    return 0;
}
```

10.Swap two variables without third number.

```c
include<stdio.h>
int main()
{
    Int x,y,num;
```

```c
        printf("enter a value :");
        scanf("%d",&x);
        printf("enter a value :");
        scanf("%d",&y);
          x=x+y;
          y=x-y;
          x=x-y;
        printf(" after swapping x is %d",x);
        printf(" \n after swapping x is %d",y);
return 0;
}
```