

**1.Print "Your name-SOA University".**

```
#include<stdio.h>

int main(){

Printf("Name:Sonali Priyadarshini Sethi-SOA University\n");

return 0;

}
```

**Output:**

**Sonali Priyadarshini Sethi-SOA University**

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

```
#include<stdio.h>

int main(){

Printf("Name:Sonali Priyadarshini Sethi\n");

Printf("Mobile no:7978487545\n");

Printf("Email id:spsethi2017@gmail.com\n");

Return 0;

}
```

**Output:**

**Name:Sonali Priyadarshini Sethi**

**Mobile no:7978487545**

**Email id:spsethi2017@gmail.com**

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

```
#include<stdio.h>

int main(){
    Char a[100];
    int b;
    int c;
    printf("Enter the integer value:");
    scanf("%d",&b);
    printf("Enter the decimal value:");
    scanf("%f",&c);
    printf("Enter the character value:");
    scanf("%s",&a);
    printf("\t entered values\n integer:%d\n decimal:%d\n character:%s",b,c,a);
    return 0;
}
```

**Output:**

**Enter the integer value:15**

**Enter the decimal value:15.04**

**Enter the character value:hiii**

**entered values**

**Integer:15**

**decimal:15.04**

**character:hiii**

**4.Find the cube of the given number.**

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

```
int main()
```

```
{
```

```
int number,cube;
```

```
printf("enter a number:");
```

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

```
cube=number*number*number;
```

```
printf("cube of a number is %d",cube);
```

```
return 0;
```

```
}
```

**Output:**

**Enter a number: 3**

**Cube of a number is 27**

**5.Find the sum of five given numbers.**

```
#include<stdio.h>

int main()
{
int number1,number2,number3,number4,number5,sum;
printf("Enter five integer values ");
scanf("%d %d %d %d %d", &number1, &number2, &number3, &number4, &number5);
sum=number1 + number2 + number3 + number4 + number5;
printf("sum of the five integer values is %d", sum);
return 0;
}
```

**Output:**

Enter five integer values 1 3 5 7 9

sum of the five integer values is 25

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

```
#include<stdio.h>

int main()
{
float mark1, mark2, average;
printf("Enter mark 1:");
scanf("%f", &mark1);
printf("Enter mark 2:");
scanf("%f", &mark2);
average=(mark1 + mark2) /2;
printf("Average : %0.2f\n", average);
return 0;
}
```

**Output:**

**Enter mark 1:40**

**Enter mark 2:60**

**Average: 50.00**

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

```
#include<stdio.h>

int main()
{
    double fine=0.20;
    int n;
    printf("Enter the number of days late");
    scanf("%d",&n);
    fine=0.20*n;
    printf("total fine=%f" ,fine)
    return 0;
}
```

**Output:**

**Enter the number of days late 10**

**10**

**total fine=2.000000**

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

```
#include<stdio.h>

int main()
{
float cost=29.90;
float discount=0.15;
float discounted_cost,idc;
idc=cost*discount;
discounted_cost=cost-idc;
printf("The discounted cost price for the shirt is: %0.2f INR",discounted_cost);
return 0;
}
```

**Output:**

**The discounted cost price for the shirt is: 25.41 INR**

### 9.Swap two numbers with third variable.

```
#include<stdio.h>

int main()
{
int a, b, temp;
printf("Enter two numbers a and b ")
scanf("%d %d", &a, &b);
temp = a;
a = b;
b = temp;
printf("\n After swapping \na = %d\nb = %d\n", a, b);
return 0;
}
```

**Output:**

**Enter two numbes a and b 15 14**

**After swapping**

**a = 14**

**b = 15**



**10.Swap two numbers without third variable(By + and –(or) By \* and /).**

```
#include<stdio.h>

int main()
{
int a, b;
printf("Enter two numbers a and b \n");
scanf("%d %d" ,&a ,&b);
printf("\n Before swapping a= %d and b =%d" , a, b);
a = a * b;
b = a / b;
a = a / b;
printf("\n After swapping a = %d and b = %d" , a, b);
return 0;
}
```

**Output:**

**Enter two numbers a and b**

**6 15**

**Before swapping a = 6 and b = 15**

**After swapping a = 15 and b = 6**