

1. Write a program to print "your name-SOA university".

```
#include<stdio.h>
int main()
{
    printf("Kriti-SOA University");
    return 0;
}
```

Output:-

Kriti-SOA University

2. Print your name, mobile no and email id in different lines.

```
#include<stdio.h>
int main()
{
    printf(" Kriti Srivastava\n6203333046\nksri3071@gmail.com");
    return 0;
}
```

Output:-

Kriti Srivastava

6203333046

ksri3071@gmail.com

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

```
#include <stdio.h>
int main() {
    int int_value;
    float float_value;
    char char_value;

    printf("Enter a character value: ");
    scanf("%c",&char_value);

    printf("Enter a integer value: ");
    scanf("%d",&int_value);

    printf("Enter a float value: ");
    scanf("%f",&float_value);

    printf("\nInteger value is:%d", int_value);
    printf("\nfloat value is:%f", float_value);
    printf("\nCharacter value is:%c", char_value);
}
```

```
    return 0;
}
```

Output:

Enter a character value: A
Enter a integer value: 23
Enter a float value: 45
Integer value is:23
float value is:45.000000
Character value is:A

4. Program to find the cube of a 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:%d",cube);
    return 0;
}
```

Output:-

Enter a number2
Cube of a number:8

5. Program to find the sum of five given numbers.

```
#include<stdio.h>
int main()
{
    int a,b,c,d,e,add;
    printf("Enter the five numbers to add");
    scanf("%d%d%d%d%d",&a,&b,&c,&d,&e);
    add=a+b+c+d+e;
    printf("Add of the given number:%d",add);
    return 0;
}
```

Output:-

Enter the five numbers to add2 3 4 5 6
Add of the given number:20

6. Program to find a student average mark given mark1 and mark2.

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

```

int main()
{
    int mark1,mark2,avg;
    printf("Enter mark1 and mark2\t");
    scanf("%d%d",&mark1,&mark2);
    avg=(mark1+mark2)/2;
    printf("Average of the given number:%d",avg);
    return 0;
}

```

Output:-

```

Enter mark1 and mark2 6
8
Average of the given number:7

```

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() {
    float charge=0.20,total_fine;
    int no_of_days;
    printf("enter the days");
    scanf("%d",&no_of_days);
    total_fine=charge * no_of_days;
    printf("total charge for given days:%f", total_fine);
    return 0;
}

```

Output:-

```

enter the days4
total charge for given days:0.800000

```

8. Write a program that you have bought a nice shirt which cost Rs 29.90 exclusive of 15% discount .

Count the discounted price for the shirt.

```

#include <stdio.h>
int main() {
    float actual_cost=29.90, Percent_of_discount=15,discounted_price,nett_price;
    discounted_price=0.15*actual_cost;
    nett_price=actual_cost-discounted_price;
    printf("Nett price of shirt:%f",nett_price);
    return 0;
}

```

Output:

```

Nett price of shirt:25.414999

```

9. Swap two numbers with third variable.

```
#include <stdio.h>
int main()
{
    int temp,a,b;
    printf("enter the value of a and b");
    scanf("%d%d",&a,&b);
    temp=a;
    a=b;
    b=temp;
    printf("After swapping:%d\n%d",a,b);
    return 0;
}
```

Output:

```
enter the value of a and b4
5
After swapping:5
4
```

10. program to swap two numbers without using third variable.

```
#include <stdio.h>
int main()
{
    int a,b;
    printf("enter the value of a and b");
    scanf("%d%d",&a,&b);
    a=a+b;
    b=a-b;
    a=a-b;
    printf("After swapping:%d\n%d",a,b);
    return 0;
}
```

Output:

```
enter the value of a and b6
4
After swapping: 4
6
```