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](mailto: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