1.Print "your name-SOA University".

#include <stdio.h>

int main() {

Char name[30]=”Shalinee Sahoo”;

printf("%s-SOA University" ,name);

return 0;

}

Output:

Shalinee Sahoo-SOA University

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

#include <stdio.h>

int main() {

printf("Name:Shalinee Sahoo\n");

printf("Mobile no:9348122230\n");

printf("Email id:sahooshalinee10@gmail.com\n");

return 0;

}

Output:

Name:Shalinee Sahoo

Mobile no:9348122230

Email id:sahooshalinee10@gmail.com

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

#include <stdio.h>

int main() {

char a[100];

int b;

float 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 :123

Enter the decimal value :123.00

Enter the character value :hello

entered values

integer-123

decimal-123.0000

character-hello

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:2

cube of a number is 8

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 2 3 4 5 6

Sum of the five integer values is 20

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

#include <stdio.h>

int main() {

float marks1, marks2, average;

printf("Enter mark 1 :");

scanf("%f", &marks1);

printf("Enter mark 2 :");

scanf("%f", &marks2);

average = (marks1 + marks2) / 2;

printf("Average : %0.2f\n", average);

return 0;

}

Output:

Enter mark 1 :50

Enter mark 2 :80

Average : 65.00

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 20

20

total fine=4.000000

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 numbers a and b 15 18

After swapping

a = 18

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

5 10

Before swapping a = 5 and b =10

After swapping a = 10 and b =5