**Q1.//Print "Your name-SOA University"//**

#include <stdio.h>

int main()

{

printf("Name:- Abdul mujib khan - SOA University");

return 0;

}

//Output:-

Name:- Abdul mujib khan - SOA University

//

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

#include <stdio.h>

int main()

{

printf("Your Name- Abdul mujib khan\n Mobile Number:-9853888689\n Email ID- abdulmujibkhan310@gmail.com");

return 0;

}

//Output:-

Your Name- Abdul mujib khan.

Mobile Number:-9853888689.

Email ID- abdulmujibkhan310@gmail.com //

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

#include <stdio.h>

int main()

{

int a;

float b;

char ch='s';

printf("Enter the value of a:");

scanf("%d",&a);

printf("Enter the value of b:");

scanf("%f",&b);

printf("The result of a is:%d\n",a);

printf("The result of b is:%f\n",b);

printf("The result of ch is:%c",ch);

return 0;

}

//output:-

Enter the value of a:65

Enter the value of b:43.78

The result of a is:65

The result of b is:43.779999

The result of ch is:s

//

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

#include <stdio.h>

int main()

{

float a,res;

printf("Enter the value for a:");

scanf("%f",&a);

res=a\*a\*a;

printf("The cube of the given number is:%f",res);

return 0;

}

//Output:-

Enter the value for a: 3

The cube of the given number is: 27//

**Q.5 //Find the sum of five given number//**

#include <stdio.h>

int main()

{

int a,b,c,d,e,sum;

printf("Enter the value for a:");

scanf("%d",&a);

printf("Enter the value for b:");

scanf("%d",&b);

printf("Enter the value for c:");

scanf("%d",&c);

printf("Enter the value for d:");

scanf("%d",&d);

printf("Enter the value for e:");

scanf("%d",&e);

sum=a+b+c+d+e;

printf("The sum of given 5 numbe is:%d",sum);

return 0;

}

//output:-

Enter the value for a:5

Enter the value for b:7

Enter the value for c:4

Enter the value for d:3

Enter the value for e:9

The sum of given 5 numbe is:28//

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

#include <stdio.h>

int main()

{

int mark1,mark2,sum;

float avg;

printf("Enter the value of mark1:");

scanf("%d",&mark1);

printf("Enter the value of mark2:");

scanf("%d",&mark2);

sum=mark1+mark2;

avg=sum/2;

printf("The sum of 2 mark is:%d\n",sum);

printf("The avg of mark:%f",avg);

return 0;

}

//Output:-

Enter the value of mark1:82

Enter the value of mark2:92

The sum of 2 mark is:174

The avg of mark:87.00//

**Q.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() {

int ld;

float fine;

printf("Enter the day you return late the books:");

scanf("%d",&ld);

fine=ld\*(0.20);

printf("The total fine charged by library for late return book is:%f",fine);

return 0;

}

//Output:

Enter the day you return late the books:4

The total fine charged by library for late return book is:0.800000//

**Q.8 //You had 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 x=29.90,y;

y=(29.90\*100)/85;

printf("The new price for the shirt is:%f",y);

return 0;

}

//Output:

The new price for the shirt is:35.176472 //

**Q.9 //Swap two numbers with third variable//**

#include <stdio.h>

int main() {

int a,b,temp;

printf("Enter the value for a & b:");

scanf("%d %d",&a,&b);

temp=a;

a=b;

b=temp;

printf("Display the value of a & b after swap:%d %d",a,b);

return 0;

}

// Output:

Enter the value for a & b:23 56

Display the value of a & b after swap:56 23

//

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

#include <stdio.h>

int main() {

int a,b;

printf("Enter the value for a & b:");

scanf("%d %d",&a,&b);

a=a+b;

b=a-b;

a=a-b;

printf("Display the value of a & b after swap:%d %d",a,b);

return 0;

}

//Output:

Enter the value for a & b:56 76

Display the value of a & b after swap:76 56//