Q.1)

Print "your name - SOA University".

#include <stdio.h>

int main()

{

printf("Pinaki sahani-SOA University");

return 0;

}

OUTPUT

Pinakisahani-SOA University

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

#include <stdio.h>

int main()

{

printf("Name : Pinaki sahani\n");

printf("number:7008335479\n");

printf("email id : pinakisahani767464@gmail.com\n");

return 0;

}

OUTPUT:

Name : Pinaki sahani

number:7008335479

email id : pinakisahani767464@gmail.com

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

#include <stdio.h>

int main()

{

int Integer;

char Character;

float InputFloat;

printf(" charecter");

printf(" Integer");

printf(" Float ");

return 0;

}

OUTPUT:

charecter Integer Float

4)Find the cube of the given number.

int ma#include <stdio.h>

in()

{

int number,cube;

printf("enter a number:");

scanf("%d", & number);

cube=number\*number\*number;

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

return 0;

}

OUTPUT:

enter a number:5

cube of number is:125

#include <stdio.h>

int main()

{

float a,res;

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

scanf("%f",&a);

res=a\*a\*a;

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

return 0;

}

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

#include <stdio.h>

int main()

{

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

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);

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

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

return 0;

}

OUTPUT:Enter the value for a:5

Enter the value for b:6

Enter the value for c:7

Enter the value for d:8

Enter the value for e:9

The sum of given 5 numbe is:35

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 avg of mark:%f",avg);

return 0;

}

Output:-

Enter the value of mark1:50

Enter the value of mark2:30

The sum of 2 mark is:80

The avg of mark:40.000000

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:1

The total fine charged by library for late return book is:0.200000

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:10 23

Display the value of a & b after swap:23 10

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:40 20

Display the value of a & b after swap:20 40