(1)Print

“

your name

–

SOA University

”

.

Ans:-

#include<stdio.h>

Main()

{

Printf(

“

Arpita Dash-SOA University

”

);

}

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

Ans:-

#include<stdio.h>

Main()

{

Printf(

“

Arpita Dash \n 9348243010 \

n arpitadashhere2580@gmail.com

”

);

}

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

Ans:-

#include<stdio.h>

Main()

{

int a1;

float a2;

char a3;

printf(

“

enter a number

”

);

scanf(

“

%d

”

,&a1);

printf(

“

enter a number

”

);

scanf(

“

%f

”

,&a2);

printf(

“

en

ter a character

”

);

scanf(

“

%c

”

,&a3);

printf(

“

%d

”

,a1);

printf(

“

\n %f

”

,a2);

printf(

“

\n %c

”

,a3);

}

(4)Find the cube of a given number.

Ans:-

#include<stdio.h>

Main()

{

int c,e;

printf(

“

enter a num

”

);

scanf(

“

%d

”

,&c);

e=c\*c\*c;

printf(

“

cube is

%d

”

,e);

}

(5)Find the sum of 5 given number.

Ans:-

#include<stdio.h>

Main()

{

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

printf(

“

enter a number

”

);

scanf(

“

%d

”

,&a);

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&b);

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&c

);

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&d);

printf(

“

enter a number

”

);

scanf(

“

%d

”

,&e);

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

printf(

“

sum of the inputted 5 number is %d

”

,f);

}

(6)

Find a student average mark given mark1 and mark2.

Solution:-

#include<stdio.h>

main()

{

float mark1,mark2,avg;

printf(

“

enter first subject mark

”

);

scanf(

“

%f

”

,&mark1);

printf(

“

enter second subject mark

”

);

scanf(

“

%f

”

,&mark2);

avg=(mark1+mark2)/2 ;

printf(

“

average mark is %f

”

,avg);

}

(7)

Calculate the total fine charged by library for late reurn books.The

charge is 0.20 INR per day.

Solution:-

#include<stdio.h>

Main()

{

float a,b ;

printf(

“

enter how many days that you have taken to return the book

”

);

scanf(

“

%f

”

,&a);

b=a\*0.20;

printf(

“

Total fine is %f

”

,b);

}

(8)

You had bought a nice shirt which cost 29.90 with 15% discount .Cou

nt the net price for the shirt.

Solution:-

#include<stdio.h>

Main()

{

float a,b;

a=29.90 ;

b=(29.90 \*100)/85 ;

// 85 because you are going to pay only 85% of the printed price

printf(

“

net price is

%f

”

,b);

}

(9)Swap two numbers with third variable

.

Ans:-

#include<stdio.h>

Main()

{

int x,y,swap;

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&x);

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&y);

swap=x;

x=y;

y=swap;

printF(

“

after swapping x is %d

”

,x);

printF(

“

\n after swapping x is %d

”

,y);

}

(10)Swap two numbers without 3

rd

variable .

Ans:-

#include<stdio.h>

Main()

{

int x,y;

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&x);

printf(

“

enter a number as per your wish

”

);

scanf(

“

%d

”

,&y);

x=x+y;

y=x-

y;

x=x

-y;

printF(

“

after swapping x is %d

”

,x);

printF(

“

\n after swapping y is %d

”

,y);

}