Assigment-2

1.Print "your name-SOA university".

#include<stdio.h>

int main()

{

printf("Supriya sahoo-SOA university") ;

return 0;

}

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

#include<stdio.h>

int main()

{

Printf("Name:Supriya Sahoo\n");

Printf("Mobile No: 9040783542\n");

Printf("email id: supriyasahoo.13may@gmail.com\n");

Return 0;

}

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

#include<stdio.h>

int main()

{

int Int;

char Char;

float Float;

printf("enter a Integer:");

scanf("%d",&Int);

printf("enter a Character:");

scanf("%c",&Char);

printf("enter a Float:");

```c
scanf("%f",&Float);

printf("The integer entered is: %d\n",Int);

printf("The Character entered is: %c\n",Char);

printf("The Float entered is: %f\n",Float);

return 0;

}
```

4.find the cube of the given number.

```c
#include<stdio.h>

int main()

{

Int num,cube;

printf("enter a number");

scanf("%d",&num);

cube=num*num*num;

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

return 0;

}
```

5.Find the sum of five given numbers.

```c
#include<stdio.h>

int main()

{

Int num1,num2,num3,num4,num5,sum;

printf("enter num1:");

scanf("%d",&num1);

printf("enter num2:");

scanf("%d",&num2);

printf("enter num3:");

scanf("%d",&num3);
```

```c
printf("enter num4:");

scanf("%d",&num4);

printf("enter num5:");

scanf("%d",&num5);

sum=num1+num2+num3+num4+num5;

printf("sum of five number is %d",sum);

return 0;

}
```

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

```c
#include<stdio.h>

int main()

{

int mark1 ,mark2;

Float average;

printf("enter mark1:");

scanf("%d",&mark1);

printf("enter mark2:");

scanf("%d",&mark2);

average=(mark1+mark2)/2;

printf("Average is %f",average);

return 0;

}
```

7.Calculate the total fine charged by library for late-returnbooks .the charge is 0.02INR for 1day.

```c
#include<stdio.h>

int main()

{

int ip,lr,days;

 float fine=0.20;
```

```c
printf("enter issiue period ");

scanf("%d",&ip);

printf("enter late return ");

scanf("%d",&lr);

printf("enter no of days ");

scanf("%d",&days);

lr=days-ip;

fine=0.20*lr;


printf("fine charged is %f\n",fine);

}
```

8.you had bought a nice shirt cost Rs.29.90 exclusive of 15% discount.Count the discount price for the shirt.

```c
#include<stdio.h>

int main()

{

float cost=29.90, discount=0.15;

float dp,net price;

dp=cost*discount;

net price=cost-dp;

printf("the discounted cost price for the shirt is:%f INR",dp);

return 0;

}
```

9.swap two numbers with third variable

```c
#include<stdio.h>

int main()

{

Int num1,num2,swap;
```

```c
printf("enter num1");

scanf("%d",&num1);

printf("enter num2");

scanf("%d",&num2);

swap=num1;

num1=num2;

num2=swap;

printf("Value after swapping\n first integer=%d\n second integer=%d\n",num1,num2);

return 0;

}
```

10.swap two numbers without the third variable(By+ and-(or) By*and /)

```c
#include<stdio.h>

int main()

{


}
```