

Que. 1) Print "your name –SOA university".

Print your name - SOA university.

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    print("Biswajit Das-SOA university");
```

```
    return 0;
```

```
}
```

output-Biswajit-SOA university

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

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
printf("Biswajit Das \n dasb9725@gmail.com \n 8327795087");
```

```
}
```

output-Biswajit Das

dasb9725@gmail.com

8327795087

Que 3) 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 - %f \n character - %s",b,c,a);
```

```
    return(0);
```

```
}
```

Que. 4) Find the cube of the given number

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int x,y;
```

```
    printf("input a no.");
```

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

```
    printf("cube is",x);
```

```
    y=x*x*x;
```

```
    printf("%d",y);
```

```
}
```

output-input a no.5

cube is125

Que. 5) Find the the sum of five given numbers

```
#include<stdio.h>
```

```
int main()
```

```
{
```

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

```
    printf(" Enter 5 nos");
```

```
    scanf("%d%d%d%d%d", &a,&b,&c,&d,&e);
```

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

```
    printf("addition of 5 no is %d",f);
```

```
}
```

output- enter 5 nos3 4 5 6 7

addition of 5 no is25

Que. 6) Find a student average mark given mark1 and mark 2

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int m1, m2 , av;
```

```
    printf(" Enter mark1 and mark2");
```

```
    scanf("%d%d", &m1,&m2);
```

```
    av=m1+m2/2;
```

```
printf("average is %d",av);  
}
```

output- Enter mark1 and mark220 40

average is30

Que. 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 ad, bd;  
    float tc,ch=0.20;  
    printf("input 1st date-");  
    scanf("%d",&ad);  
    printf("input the date of return-");  
    scanf("%d", &bd);  
    tc=(ad-bd)*ch;  
    printf("total charge to paid: %f",tc);  
}
```

output- input 1st date-12

input the date of return-15

total charge to paid:0.60000

Que8).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 cost = 29.90;  
    float discount = 0.15;  
    float discounted_cost, ldc;  
    ldc=cost*discount;  
    discounted_cost=cost - ldc;  
    printf("discounted cost price for this shirt is : %f INR",discounted_cost);  
    return(0);  
}
```

Que 9) Swap two numbers with third variable

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int a,b,c;
```

```
    printf("enter the value of a and b");
```

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

```
    printf("before swapping a=%d b=%d", a,b);
```

```
    c=a;
```

```
    a=b;
```

```
    b=c;
```

```
    printf("after swapping a=%d b=%d", a,b);
```

```
}
```

output- enter the value of a and b 8 9

before swapping a=8 b=9 after swapping a=9 b=8

Que 10) Swap two numbers without third variable (by + and -)

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int a,b;
```

```
    printf("enter the value of a and b");
```

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

```
    printf("before swapping a=%d b=%d", a,b);
```

```
    a=a+b;
```

```
    b=a-b;
```

```
    a=a-b;
```

```
    printf("after swapping a=%d b=%d", a,b);
```

```
}
```

output- enter the value of a and b 3 5

before swapping a=3 b=5 after swapping a=5 b=3