

Q1. Print " your name,mobile number and email id in different lines.

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

```
int main() {
```

```
    printf("name:saubhagya ranjan rout\n");
```

```
    printf("mobile no: 8093182488\n");
```

```
    printf("Email ID: saubhagyanranjanrout777@gmail.com\n");
```

```
    return 0;
```

```
}
```

OUTPUT:

name:saubhagya ranjan rout

mobile no: 8093182488

Email ID: saubhagyanranjanrout777@gmail.com

Q2. Print your name - soa university.

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

```
int main() {
```

```
    printf("saubhagya ranjan rout-soa university\n");
```

```
    return 0;
```

```
}
```

OUTPUT:

saubhagya ranjan rout-soa university

Q3. Get int ,float and char as input, then print the same.

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

```
void main(){
```

```
    char character;
```

```
    int integer;
```

```
    float inputfloat;
```

```
    printf("Enter a character:");
```

```
    scanf("%c",&character);
```

```
    printf("Enter an integer:");
```

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

```
    printf("enter a float:");
```

```
    scanf("%f",&inputfloat);
```

```
    return 0;
```

```
}
```

OUTPUT:

Enter a character:a

Enter an integer:4

enter a float:7.12

Q4. Find the cube of the given numbers.

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

```
int main() {
```

```
    int number,cube;
```

```
    printf("enter a number:");
```

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

```
    cube=number*number*number;
```

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

```
    return 0;
```

```
}
```

OUTPUT:

enter a number:4

cube of a number is 64

Q5.Find the sum of five given numbers.

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

```
int main() {
```

```
    int number1,number2,number3,number4,number5,sum;
```

```
    printf("Enter five integer values ");
```

```
    scanf("%d %d %d %d %d",&number1, &number2, &number3, &number4, &number5);
```

```
    sum=number1 + number2 + number3 + number4 + number5 ;
```

```
    printf("sum of the five integer value is %d",sum);
```

```
    return 0;
```

```
}
```

OUTPUT:

Enter five integer values 3 4 5 6 7

sum of the five integer value is 25

Q6. Find a student average mark given mark1 and mark2.

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

```

int main() {

    float mark1, mark2, average;


    printf("Enter marks obtained in subject 1 :");

    scanf("%f", &mark1);

    printf("enter marks obtained in subject 2 :");

    scanf("%f", &mark2);


    average = (mark1+mark2) / 2;

    printf ("average mark : %0.2f\n", average);


    return 0;

}

```

OUTPUT:

```

Enter marks obtained in subject 1 :40
enter marks obtained in subject 2 :50
average mark : 45.00

```

Q7. 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() {
```

```
double fine =0.20;

int n;


printf ("Enter the number of days late");

scanf("%d", &n);

fine = 0.20*n;

printf("total fine=%f" , fine);


return 0;

}
```

OUTPUT:

Enter the number of days late 10

10

total fine=2.000000

Q8. 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>
```

```
void main(){
```

```
float markedcost,discount,discountprice,soldcost;
```

```
markedcost=29.90;
```

```
discount=0.15;
```

```
discountprice= markedcost*discount;
```

```
soldcost=markedcost-discount;
```

```
printf("selling price of the shirt is Rs=%f",soldcost);
```

```
return 0;
```

```
}
```

OUTPUT:

selling price of the shirt is Rs=29.750000

Q9. Swap two numbers with third variable.

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

```
int main() {
```

```
int a,b,temp;
```

```
printf("Enter two numbers a and b ");
```

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

```
temp=a;

a=b;

b=temp;

printf("\n After swapping \na= %d\nb= %d\n",a,b);
```

```
return 0;

}
```

OUTPUT:

Enter two numbers a and b 12 14

After swapping

a= 14

b= 12

Q10. Swap two numbers without third variable (by + and-(or) by*and/).

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



```

int main() {

    int a, b;


    printf("Enter two numbers a and b\n");

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


    printf("\n Before swapping a =%d and b =%d", a, b);


    a = a * b;
    b = a / b;
    a = a / b;


    printf("\n After swapping a = %d and b =%d" , a,b);


    return 0;
}

```

OUTPUT:

Enter two numbers a and b

4 8

Before swapping a =4 and b =8

After swapping a = 8 and b =4