#include<stdio.h>

int main()

{

 int a = 12;

 int b = 3;

 int addition, subtraction, multiplication, division, modulus;

 addition = a + b; //addition of 3 and 12

 subtraction = a - b; //subtract 3 from 12

 multiplication = a \* b; //Multiplying both

 division = a / b; //dividing 12 by 3 (number of times)

 modulus = a % b; //calculation the remainder

 printf("Addition of two numbers a, b is : %d\n", addition);

 printf("Subtraction of two numbers a, b is : %d\n", subtraction);

 printf("Multiplication of two numbers a, b is : %d\n", multiplication);

 printf("Division of two numbers a, b is : %d\n", division);

 printf("Modulus of two numbers a, b is : %d\n", modulus);

}

Output :

