**Write a program to add, subtract, multiply and divide two integers using user defined type function with return type.**

**#include<stdio.h>**

**#include<conio.h>**

**int sum(int,int);**

**int sub(int,int);**

**int mul(int,int);**

**int div(int,int);**

**int main()**

**{**

**int num1,num2;**

**printf("Enter any two integer:\t");**

**scanf("%d%d",&num1,&num2);**

**printf("\nSum = %d",sum(num1,num2));**

**printf("\nProduct = %d",mul(num1,num2));**

**printf("\nDifference = %d",sub(num1,num2));**

**printf("\nQuotient = %d",div(num1,num2));**

**getch();**

**return 0;**

**}**

**int sum(int x,int y)**

**{**

**return (x+y);**

**}**

**int sub(int x,int y)**

**{**

**return (x-y);**

**}**

**int mul(int x, int y)**

**{**

**return (x\*y);**

**}**

**int div(int x, int y)**

**{**

**return (x/y);**

**}**