

```

#include <stdio.h>

int main()
{
    int num1,num2,opt,c;

    while(1)
    {
        printf("Enter the first Integer :");
        scanf("%d",&num1);
        printf("Enter the second Integer :");
        scanf("%d",&num2);

        printf("\nInput your option :\n");

        printf(" \t A.OPERATIONAL OPERATORS: \n1-Addition.\n2-Substraction.\n3-Multiplication.\n4-
Division.\n5-Modulus.\n\t");

        printf("B.RELATIONL OPERATORS:\n6-Equal to.\n7-Greater than.\n8-Less than\n9-Not equal to\n10-
Greater than or equal to\n 11-Exit.\n");

        scanf("%d",&opt);
        switch(opt)
        {
            case 1:
                printf("The Addition of %d and %d is: %d\n",num1,num2,num1+num2);
                break;

            case 2:
                printf("The Substraction of %d and %d is: %d\n",num1,num2,num1-num2);
                break;

            case 3:
                printf("The Multiplication of %d and %d is: %d\n",num1,num2,num1*num2);

```

```
break;
```

case 4:

```
if(num2==0) {  
    printf("The second integer is zero. Divide by zero.\n");  
} else {  
    printf("The Division of %d and %d is : %d\n",num1,num2,num1/num2);  
}  
break;
```

case 5:

```
if(num2==0) {  
    printf("The second integer is zero. Divide by zero.\n");  
} else {  
    printf("The modulus of %d and %d is : %d\n",num1,num2,num1%num2);  
}  
break;
```

case 6:

```
if(num1==num2)  
{  
    printf("%d = %d \n",num1,num2);  
}  
else  
{  
    printf("%d != %d \n",num2,num1);  
}  
break;
```

case 7:

```
if(num1>num2)
```

```
{
```

```
    printf("%d > %d \n",num1,num2);
```

```
}
```

```
else
```

```
{
```

```
    printf("%d > %d \n",num2,num1);
```

```
}
```

```
    break;
```

case 8:

```
if(num1<num2)
```

```
{
```

```
    printf("%d < %d \n",num1,num2);
```

```
}
```

```
else
```

```
{
```

```
    printf("%d < %d \n",num2,num1);
```

```
}
```

```
break;
```

case 9:

```
if(num1!=num2)
```

```
{
```

```
    printf("%d != %d \n",num1,num2);
```

```
}
```

else

```
{  
    printf("%d = %d \n",num2,num1);  
}
```

break;

case 10:

```
if(num1 >=num2)  
{  
    printf("%d >= %d \n",num1,num2);  
}
```

else

```
{  
    printf("%d is not >= %d \n",num2,num1);  
}
```

break;

case 11:

break;

default:

```
printf("Input correct option\n");
```

```
break;
```

```
}
```

```
printf("Press 1 to perform calculation again\nPress any other key to exit\n");
```

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

```
if(c!=1)
```

```
{
```

```
break;
```

```
}
```

```
}
```

```
}
```

```
Enter the first Integer :9
Enter the second Integer :6

Input your option :
    A.OPERATIONAL OPERATORS:
1-Addition.
2-Substraction.
3-Multiplication.
4-Division.
5-Modulus.
    B.RELATIONL OPERATORS:
6-Equal to.
7-Greater than.
8-Less than
9-Not equal to
10-Greater than or equal to
11-Exit.
1
The Addition of  9 and 6 is: 15
Press 1 to perform calculation again
Press any other key to exit
1
Enter the first Integer :25
Enter the second Integer :3

Input your option :
    A.OPERATIONAL OPERATORS:
1-Addition.
2-Substraction.
3-Multiplication.
4-Division.
5-Modulus.
    B.RELATIONL OPERATORS:
6-Equal to.
7-Greater than.
8-Less than
9-Not equal to
10-Greater than or equal to
11-Exit.
3
The Multiplication of 25 and 3 is: 75
Press 1 to perform calculation again
Press any other key to exit
```