

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

```
int main()
```

```
{
```

```
    int num1,num2;
```

```
    float result; char op;
```

```
    printf("Enter two integers :");
```

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

```
    printf("Enter the operator \n");
```

```
    printf("+ for addition\n");
```

```
    printf("- for subtraction\n");
```

```
    printf("* for multiplication\n");
```

```
    printf("/ for division\n");
```

```
    printf("%% for modulus\n");
```

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

```
    if(op=='+')
```

```
    {
```

```
        result=num1+num2;
```

```
    }
```

```
    else if(op=='-')
```

```
    {
```

```
        result=num1-num2;
```

```
    }
```

```
    else if(op=='*')
```

```
    {
```

```
        result=num1*num2;
```

```
    }
```

```
    else if(op=='/')
```

```
    {
```

```
        if (num2 == 0)
```

```
        {
```

```

        printf("Retry and enter a non-zero number... \n");
        return (-1);
    }
    result=num1/num2;
}
else if(op=='%')

{
    if (num2 == 0)
    {
        printf("Retry and enter a non-zero number... \n");
        return (-1);
    }
    result=num1%num2;
}
else
{
    printf("Invalid operator...\n");
    return 1;
}

printf("Result = %f\n",result);
return 0;
}

```