```c
#include<stdio.h>
#include<conio.h>
int main()
{
    char flag;
    int n1, n2, result = 0;

    while(1)
    {
        printf("\n Enter operator \n + (addition), \n - (subtraction), \n * (multiplication,
               \n / (division), \n % (remainder, \n ^ (num1 (to the power) num2,
               \n < (less than?), \n > (greater than?), \n = (equal to ?), \n
               ! (not equal to ?)\n\n");
        scanf("%c", &flag);
        printf("\n Enter first value:");
        scanf("%d", &n1);
        printf("\n Enter second value:");
        scanf("%d", &n2);

        switch(flag)
        {

            case '+':
                result = n1 + n2;
                printf("\n Sum is = %d", result);
            break;

            case '-':
                result = n1 - n2
                printf("\n Difference is = %d", result);
                printf("\n\n Enter value Again for a new input \n");
            break;
```

```c
case '*':
    result = n1 * n2;
    printf("\n Product is = %.d", result);
    printf("\n\n Enter value Again for a New input \n");
break;
case '/':
    result = n1 / n2;
    printf("\n Quotient is = %.d", result);
    printf("\n\n Enter value Again for a new Input \n");

break;

case '%':
    result = n1 % n2;
    printf("\n Reminder is = %.d", result);
    printf("\n\n Enter the value again for a new Input \n");
break;

case '>':
    if(n1 >> n2)
    {
        print("yes");
    }
    else{
        print("\n\n No");
        print("\n Enter value again for a new Input \n");
    break;
case '<':
    if(n1 >> n2)
    {  print("No");
    }
```

```c
    else {
        printf ("\n\n eyes");
        printf ("\n Enter value again for new input \n");
    }
break;

case '=':
    if (n1 == n2)
    {
        printf ("yes");
    }
    else {
        printf ("\n\n No");
        printf ("\n Enter value Again for a new Input \n");
    }
    break;

case '^':
    printf ("%.lf", pow (n1, n2));
break;

case '!':
    if (n1 == n2)
    {
        printf ("no ");
    }
    else {
        printf ("\n\n yes");
        printf ("\n Enter value again for a New Input \n");
    }
break;
```

```c
default:
        printf("\n Enter the valid operator !!! \n");
        printf("\n\n Enter the value again for a new input \n");
    }
getch();
}
return 0;
}
```