



calculator.c

Saved



```
1
2  #include<stdio.h>
3  #include<conio.h>
4  #include<math.h>
5
6  int main()
7  {
8
9  char c;
10 int n1, n2, res = 0;
11
12 while(1)
13 {
14 printf("\nEnter First Value:");
15 scanf("%d",&n1);
16
17 printf("\nEnter Operator\n+ addition,\n - sub
18
19 scanf(" %c",&c);
20
21 printf("\nEnter Second Value:");
22 scanf("%d",&n2);
23
24 switch(c)
25 {
26 case '+':
27     res = n1 + n2;
28     printf("\nSum is = %d",res);
29     break;
30
31 case '-':
32     res = n1 - n2;
33     printf("\nDifference is = %d",res);
34     printf("\n\n Enter value Again for a New
35     break;
36
37 case '*':
38     res = n1 * n2;
39     printf("\nProduct is = %d",res);
40     printf("\n\n Enter value Again for a New
41     break;
42
43 case '/':
44     res = n1 /n2;
```



```

42
43 case '/':
44     res = n1 / n2;
45     printf("\nQuotient is = %d", res);
46     printf("\n\n Enter value Again for a New
47     break;
48
49 case 'r':
50     res = n1 % n2;
51     printf("\nReminder is = %d", res);
52     printf("\n\n Enter value Again for a New
53     break;
54
55 case '>':
56     if(n1 >> n2)
57     {
58         printf("yes");
59     }
60     else{
61         printf("\n\nNo");
62         printf("\n Enter value Again for a New
63     }
64     break;
65
66 case '<':
67     if(n1 >> n2)
68     {
69         printf("no");
70     }
71     else{
72         printf("\n\nyes");
73         printf("\n Enter value Again for a New
74     }
75     break;
76
77 case '=':
78     if(n1 == n2)
79     {
80         printf("yes");
81     }
82     else{
83         printf("\n\nno");
84         printf("\n Enter value Again for a New
85     }
86     break;

```





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```
77     case '=':
78     if(n1==n2)
79     {
80     printf("yes");
81     }
82     else{
83         printf("\n\nno");
84         printf("\n Enter value Again for a New
85     }
86     break;
87     case '^':
88     printf("%lf",pow(n1,n2));
89     break;
90
91     case '!':
92     if(n1==n2)
93     {
94     printf("no");
95     }
96     else{
97         printf("\n\nyes");
98         printf("\n Enter value Again for a New
99     }
100    break;
101    case 'E':
102        exit(0);
103        break;
104
105    default:
106        printf("\nEnter value Valid Operator!!!\n");
107        printf("\n\n Enter value Again for a New
108    }
109    getch();
110 }
111 return 0;
112 }
```



Enter First Value:5

Enter Operator

+ addition,
- subtraction,
* multiplication,
/ division ,
r remainder ,
^ num1(power)num2 ,
< less than ,
> greater than,
= equal to,
! not equal to,
E TO EXIT *

Enter Second Value:6

Product is = 30

Enter value Again for a New Input

Enter First Value: