

**assignment\_operator\_2.c**

```
1 // C Program to demonstrate the working of assignment operators
2 #include <stdio.h>
3 int main()
4 {
5     int a = 5, c;
6     c = a;
7     printf("c = %d \n", c);
8     c += a; // c = c+a
9     printf("c = %d \n", c);
10    c -= a; // c = c-a
11    printf("c = %d \n", c);
12    c *= a; // c = c*a
13    printf("c = %d \n", c);
14    c /= a; // c = c/a
15    printf("c = %d \n", c);
16    c %= a; // c = c%a
17    printf("c = %d \n", c); // Remainder of c divided by a
18    return 0;
19 }
20
21 /*****
22 * Output: a=5, c=5
23 *****/
24 c = 5
25 c = 10
26 c = 5
27 c = 25
28 c = 5
29 c = 0
30 */
```