

basic_inc_operator.c

```
1  #include <stdio.h>
2
3  int main(void) {
4      int x = 5;
5
6      // Increment
7      printf("Initial x = %d\n", x);    // prints 5
8      x++;                             // x becomes 6
9      printf("After x++ : x = %d\n", x); // prints 6
10
11     ++x;                             // x becomes 7
12     printf("After ++x : x = %d\n", x); // prints 7
13
14     // Decrement
15     x--;                             // x becomes 6
16     printf("After x-- : x = %d\n", x); // prints 6
17
18     --x;                             // x becomes 5
19     printf("After --x : x = %d\n", x); // prints 5
20
21     return 0;
22 }
23
24 /*****
25 * Output:
26 Initial x = 5
27 After x++ : x = 6
28 After ++x : x = 7
29 After x-- : x = 6
30 After --x : x = 5
31 *****/
```