

Course
&
Test Series

Self-Made Assignment -Introduction to C Plus Plus

Operators and Manipulators in C Plus Plus

Write a program in C++ that performs the following tasks:

1. Take an integer x as input from the user.
2. Use assignment operators ($=$, $+=$, $-=$, $*=$, $/=$, $\%=$) to perform the following operations sequentially:

- o Assign a value to x using $=$.
- o Add 5 to x using $+=$.
- o Subtract 3 from x using $-=$.
- o Multiply x by 2 using $*=$.
- o Divide x by 4 using $/=$.
- o Take the modulus of x by 7 using $\%=$.

Sample Input:

Enter an integer (x): 10

Sample Output:

Using Assignment Operators:

After $=$: 10

After $+=$ 5: 15

After $-=$ 3: 12

After $*=$ 2: 24

After $/=$ 4: 6

After $\%=$ 7: 6

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