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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

