

Homework 7

Write a C++ console program to do the following:

1. Define an array of ints with the ten elements { 0, 1,2,3, 4, 5, 6, 7, 8, 9 }.
2. Define a vector<int> with those ten elements.
3. Define a list<int> with those ten elements.
4. Define a second array, vector, and list, each initialized as a copy of the first array, vector, and list, respectively.
5. Increase the value of each element in the array by 2; increase the value of each element in the vector by 3; increase the value of each element in the list, by 5.
6. Print out a label and then the values of each of the containers

Be sure to add code to print the Time and Date (3 lines from Illustration 2 in HW3).

Turn in a listing of the code plus a screen shot of the console output including the Time and Date output.

Programming Principles and Practice – Bjarne Stroustrup