|  |
| --- |
| **Team-6** |

**Problem statement:** **Element Shifter**

Write a function that accepts an int array and the array’s size as arguments. The function should create a new array that is one element larger than the argument array. The first element of the new array should be set to 0. Element 0 of the argument array should be copied to element 1 of the new array, element 1 of the argument array should be copied to element 2 of the new array, and so forth. The function should return a pointer to the new array.

You will have to

1. Explain the problem statement (10 points).
2. Compile and execute the code (10 points).
3. Explain the outputs (10 points)
4. Go through the code line-by-line and explain each line (50 points).
5. Answer the audience’s questions (20 points).