

ELEG 1043

Computer Applications in Engineering



Homework Assignment 4

- **EXERCISES 7.1** in the textbook
 1. (Practice) Write array declarations for the following:
 - a. A list of 100 double-precision voltages
 - b. A list of 50 double-precision temperatures
 - c. A list of 30 characters, each representing a code
 - d. A list of 100 integer years
 - e. A list of 32 double-precision velocities
 - f. A list of 1000 double-precision distances
 - g. A list of 6 integer code numbers

Homework Assignment 4

- **EXERCISES 7.3** in the textbook

2. (Desk check) Determine the output produced by the following program:

```
#include <iostream>
using namespace std;

int main()
{
    int i, j, val[3][4] = {8,16,9,52,3,15,27,6,14,25,2,10};

    for (i = 0; i < 3; ++i)
        for (j = 0; j < 4; ++j)
            cout << "  " << val[i][j];

    return 0;
}
```

Due: 10/29/2018