North South University
Department of Electrical and Computer Engineering
CSE 215L: Programming Language II Lab

Lab – 4: Array

Objective:
- To learn about array
- To learn to use array to solve different problems

Task:

1. Declare an integer array of size 6, initialize it with user input, calculate and print the average. Now calculate the percentage of numbers that are above that average.

For example: if 3 of the array elements are greater than average, percentage is: 3 * 100 / 6 = 50%

2. Take an integer from user, generate that many fibonacci numbers and store in an array. Display the array.

Sample output:

```
Enter a number: 8
First 8 Fibonacci numbers: 0 1 1 2 3 5 8 13
```

3. Take a 3X3 array and initialize it with these values:

3	4	9
2	9	11
4	6	0

Calculate and print the sum for each row, column and both diagonals.

4. Take an integer array and print only the numbers that are in consecutive orders of 3.

```
Enter size: 12

Enter numbers: 1 2 3 2 2 2 11 4 4 4 3 3

Output: 2 4
```