

**Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603 110**

(An Autonomous Institution, Affiliated to Anna University, Chennai)

**Department of Computer Science & Engineering**

**UCS2313 – Object Oriented Programming Using Java Lab**

**Exercise 2. Java Programs- Arrays and Strings**

1. Write a java program to get 'n' elements in an array. Perform the linear and binary search.
2. Write a java program to find matrix addition, subtraction and multiplication.
3. Write a Java program to get a sentence and find the longest word in it. Also find it's index position.
4. Write a Java program to get a string and verify whether it's a Palindrome or not.
5. Write a Java program to check if the given sentence is a Pangram. Pangram string is the string in which all the alphabets should occur at least once. Also count the number of occurrences of each letter.

Example:

The quick brown fox jumps over the lazy dog