COMPUTER PROGRAMMING LAB (CS110)
ASSIGNMENTS–09

1. Write a function in C to find if a given integer x appears more than $n/2$ times in an array of n integers.

2. Write a function in C to find the maximum circular subarray sum of a given array.

3. Write a function in C to check whether an array is a subset of another array.

4. Write a function in C to move all zeroes to the end of a given array.

5. Write a function in C to generate a random permutation of array elements.

6. Write a function in C to implement a linear search on an array.

7. Write a function in C to implement binary search on a sorted array.

8. Write a function in C to implement selection sort.

9. Write a function in C to implement bubble sort.

10. Write a program in C to dynamically allocate and deallocate memory for a lower triangular matrix.