LAB TASK- 7
Data Structure

1. Implement Binary Search Algorithm to search for an element X from any set of numbers consisting of the following functions.
   int binarySearch(int arr[], int l, int r, int x);

2. Sort an array a={7,8,2,3,5} using the following functions:
   i.   Bubble Sort

   void swp(int *xp, int *yp);
   void bubbleSort(int arr[], int n);
   void printArray(int arr[], int size);

   ii.   Insertion Sort

   void insertionSort(int arr[], int n);
   void printArray(int arr[], int n);

   iii.   *Selection Sort*

   void swap(int *xp, int *yp);
   void selectionSort(int arr[], int n);
   void printArray(int arr[], int size)