Program:

```
#include <bits/stdc++.h>
using namespace std;

void traverse(int arr[], int n){
   for(int i=0; i<n; i++){
      cout<<arr[i]<<" ";
   }cout<<endl;
}
void insertionSort(int arr[], int n){
   for(int i=1; i<n; i++){
      traverse(arr, n);
      int j = i;
      while(j){
         if(arr[j] < arr[j-1]){
            swap(arr[j], arr[j-1]);
         }else{
            break;
         }
         j--;
      }
   }
}
void selectionSort(int arr[], int n){
   for(int i=0; i<n-1; i++){
      traverse(arr, n);
      int mini = INT_MAX;
      int minInd = i;
      for(int j = i; j<n; j++){
         if(arr[j] < mini){
            mini = arr[j];
```

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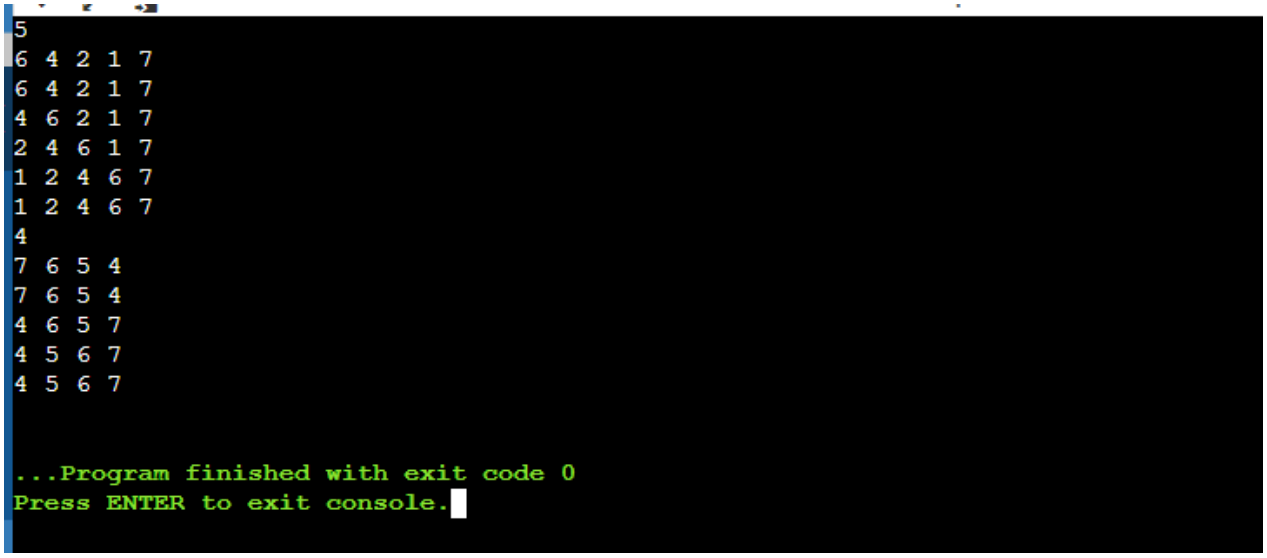
            minInd = j;
          }
        }
        swap(arr[i], arr[minInd]);
    }
}
int main()
{
    int n1;
    cin >> n1;
    int arr1[n1];
    for(int i=0; i<n1; i++){
        cin >> arr1[i];
    }
    insertionSort(arr1, n1);
    traverse(arr1, n1);
    int n2;
    cin >> n2;
    int arr2[n2];
    for(int i=0; i<n2; i++){
        cin >> arr2[i];
    }
    // int arr2[]={5, 4, 3, 2, 1}; int n2=5;
    selectionSort(arr2, n2);
    traverse(arr2, n2);

    return 0;
}
```

Output:


5
6 4 2 1 7
6 4 2 1 7
4 6 2 1 7
2 4 6 1 7
1 2 4 6 7
1 2 4 6 7
4
7 6 5 4
7 6 5 4
4 6 5 7
4 5 6 7
4 5 6 7
...Program finished with exit code 0
Press ENTER to exit console.