First question….

public class Main

{

public static void main(String[] args) {

int arr[] = {1, 2, 3, 7, 5, 6, 4, 8};

int n = arr.length;

int i = 0;

int s = i;

int start = 0;

int e = 0;

while(i < n)

{

if(arr[i] > arr[i+1])

{

s = i;

start = s;

break;

}

else{

i++;

}

}

while(i < n)

{

if(arr[i] > arr[start])

{

e = i;

}

i++;

}

System.out.print(s + " " + (e-1));

}

}

SECOND QUESTION ….

import java.util.\*;

public class Main

{

public static void solve(String ans, String str,Vector<String> v1, int n)

{

if(ans.length() == n)

{

v1.add(ans);

return;

}

for(int i = 0 ; i < str.length(); i++)

{

solve(ans+str.charAt(i),str,v1,n);

}

}

public static void main(String[] args)

{

String str = "ABC";

String ans = "";

Vector<String> v1 = new Vector<>();

int n = str.length();

solve(ans,str,v1,n);

Collections.sort(v1);

for(int i = 0; i < v1.size(); i++)

{

System.out.print(v1.get(i) + " ");

}

}

}