Print 2nd largest and 2nd smallest elements from a given integer array 'arr' of size arr_len in a single loop.

```java
public class Test11Q1 {

  public static void  printSecondMinMax(int arr[],int arr_siz) {

    int First_min=Integer.MAX_VALUE;

    int Second_min=Integer.MAX_VALUE;

    int First_max=Integer.MIN_VALUE;

    int Second_max=Integer.MIN_VALUE;

    for (int i=0;i<arr_siz;i++){

     if(arr[i]<First_min){

       Second_min=First_min;

       First_min=arr[i];

     }

     else if(arr[i]<Second_min && arr[i]!=First_min){

       Second_min=arr[i];

     }

     if(arr[i]>First_max){

       Second_max=First_max;

       First_max=arr[i];

     }

     else if(arr[i]>Second_max && arr[i]!=First_max){

       Second_max=arr[i];

     }

    }

    System.out.println("Secont min value:"+Second_min);
```

```java
        System.out.println("Secont max value:"+Second_max);

    }

    public static void main(String[] args) {

        int arr[]={ 5, 10, 0, 2, 3, 4};

        int arr_siz=arr.length;

        printSecondMinMax(arr,arr_siz);

    }

}
```

Q.2) Given 2 sorted arrays of integers, print common elements between 2 arrays in single loop.

```java
public class Test11Q2 {

    public static void printsameelement(int arr1[],int arr2[]){

        int i=0,j=0;

        while(i<arr1.length && j<arr2.length){

        if(arr1[i]==arr2[j]){

            System.out.print(" "+arr1[i]);

            i++;

            j++;

        }

        else if(arr1[i]<arr2[j]){

            i++;

        }

        else{

            j++;

        }
```

```java
        }
    }

    public static void main(String[] args) {
        int arr1[] = {1, 3, 4, 5, 7};

        int arr2[] = {2, 3, 5, 6};

        printsameelement(arr1, arr2);


    }
}
```