**ALGORITM FOR FINDING SECOND LARGEST ELEMENT USING JAVA:**

**STEP 1: Get the array of elements Num[i]**

**STEP 2: Store the length of array in a variable**

**STEP 3: Initialize i=1**

**STEP 4: Repeat until i<length of array upto STEP 5**

**STEP 5: Declare j=i+1**

**STEP 6: Repeat until j<length of array upto STEP 9**

**STEP 7: Store as Temporary variable Temp= Num[i]**

**STEP 8: Num[i]=Num[j]**

**STEP 9: Num[j]=Temp**

**STEP 10: Increment the i by 1**

**STEP 11: Increment the j by 1**

**STEP 12: Print the ascending ordered array elements**

**STEP 13: Print Num[array of length-2]**

**FLOWCHART FOR FINDING SECOND LARGEST ELEMENT:**

Yes

No

Yes

No

Yes

No

Print Num[n-2]

Print ascending numbers

Num[i]>Num[j]

j<=n

i<=n

j=j+1

Temp=Num[i]

Num[i]=Num[j]

Num[j]=Temp

Read array of numbers Num 1:n

i=i+1

j=i+1

i=1