# Q1. Read and store ‘n’ no. of integer values to Array List object, sort the

**elements.**

# Find the frequency of a specific element inside the array list. (while store storing element give duplicate entities)

**E.g.: 12,1,45,12,56,-34,56,0,23,13,12,56**

# Frequency of 12 : 3

**package** Lab3;

**import** java.util.\*;

**public class** ArrayList\_Lab {

**public static void** main(String[] args)

{

ArrayList al = **new** ArrayList();

**int** i, n;

Scanner sc = **new** Scanner (System.***in***);

System.***out***.println("How many elements "); n=sc.nextInt();

**for**(i=0;i<n;i++)

{

System.***out***.println("Enter "+ i + " Element "); al.add(sc.nextInt());

}

System.***out***.println("Array elements "+ al);

System.***out***.println("Enter element to find frequency");

**int** element = sc.nextInt();

**int** freq=0, value;

**for**(i=0;i<n;i++)

{

Object obj= al.get(i); value= (**int**)obj; **if**(value==element)

freq++;

}

System.***out***.println("Frequency of "+element+" is "+freq);

}

}

**Output:**

How many elements 8

Enter 0 Element

34

Enter 1 Element

45

Enter 2 Element

12

Enter 3 Element

67

Enter 4 Element

34

Enter 5 Element

67

Enter 6 Element

34

Enter 7 Element

87

Array elements [34, 45, 12, 67, 34, 67, 34, 87] Enter an element to find frequency

34

Frequency of 34 is 3