Finding a duplicate number in a Arraylist Program

```java
package Collections.test;
import java.util.*;
public class ArrayRead {

    public static void main(String[] args) {
        int i,k;
        ArrayList a1 = new ArrayList();
        Scanner obj = new Scanner(System.in);
        System.out.println("Enter number of elements: ");
        k =  obj.nextInt();
        for(i=0;i<=k;i++) {
            System.out.println("Enter "+i+"element :");
            a1.add(obj.nextInt());
        }
        System.out.println("Enter element for searching duplicate: ");
        int n= obj.nextInt();
        int freq =0;
        int value;
        for(i=0;i<=k;i++) {
            Object c =a1.get(i);
            value = (int)c;
            if(value==n) {
                freq++;
            }

        }
        System.out.print("element"+n+"is repeated"+freq);


        // TODO Auto-generated method stub

    }

}
```

o/p: Enter number of elements:

5

Enter 0element :

2

Enter 1element :

3

Enter 2element :

4

Enter 3element :

3

Enter 4element :

5

Enter 5element :

5

Enter element for searching duplicate:

5

element5is repeated2