

Sample program 1

1.

```
import java.util.*;
import java.lang.*;
class repeated {
public static void main(String[] args){
Scanner s=new Scanner(System.in);
int n=s.nextInt();
int[] a=new int[n];
for (int i=0;i<n;i++){
a[i]=s.nextInt();
}
int k=-1;
for (int i=0;i<n;i++){
for (int j=i+1;j<n;j++){
if(a[i]==a[j])
{
k=a[i];
break;
}
}
if (k!=-1){
break;
}
}
if(k==1){
System.out.println("-1");
}
else{
System.out.println(k);
}
```

}

}

Output

```
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\REC>set path=C:\Program Files\Java\jdk1.8.0_40\bin;

C:\Users\REC>d:

D:\>cd javacode.java

D:\javacode.java>javac repeated.java

D:\javacode.java>java repeated
6
8 2 3 4 8 5
8

D:\javacode.java>
```