S.No: 35	Exp. Name: *Write java program(s) that use collection framework classes.* *(ArrayList class)*	Date:2023-12-04

Aim:

Write a java program(s) that use collection framework classes.(ArrayList class)

Source Code:

ArraylistExample.java

```java
import java.util.*;
class ArraylistExample {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter ArrayList length: ");
        int n= sc.nextInt();
        ArrayList<Integer> arrli=new ArrayList<Integer>();
        for(int i=1;i<=n;i++) {
            arrli.add(i);
        }
        Iterator itr=arrli.iterator();
        System.out.println("ArrayList printing by using Iterator: ");
        while(itr.hasNext()) {
            System.out.println(itr.next());
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1

User Output
Enter ArrayList length: 5
ArrayList printing by using Iterator:
1
2
3
4
5

Test Case - 2

User Output
Enter ArrayList length: 3
ArrayList printing by using Iterator:
1
2
3