S.No: 35	Exp. Name: *Write java program(s) that use collection framework classes.* *(ArrayList class)*	Date:2023-12-03

Aim:

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

Source Code:

ArraylistExample.java

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