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

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

Source Code:

ArraylistExample.java

```
import java.util.*;
public class ArraylistExample {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        ArrayList<Integer> arrayList = new ArrayList<Integer>();
        System.out.println("Enter ArrayList length: ");
        int num = sc.nextInt();
        for(int i=01;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 |