| 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.*;
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>();//Creating arraylis
t

        for (int i=1; i<=n; i++){

          arrli.add(i);
        }
        //Traversing list through Iterator
        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 |