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Date:	15-06-2020	Name:	Yamunashree N
Course:	Java	USN:	4AL17EC097
Topic:		Semester and section:	6th sem and 'B' sec

The Java Collections Framework

* Arraylist :-

```
Public class App {
    public static void main (String[] args ) {
        Arraylist <Integer> numbers = new Arraylist <Integer> ();
        numbers.add(10);
        numbers.add(100);
        numbers.add(40);
        System.out.println(numbers.get(0));
        System.out.println("\n Iteration #1 :");
        for(int i=0; i<numbers.size(); i++){
            System.out.println(numbers.get(i));
        }
        System.out.println("\n Iteration #2 :");
        for(Integer value : numbers) {
            System.out.println(value);
        }
        numbers.remove(numbers.size()-1);
        numbers.remove(0);
        System.out.println("\n Iteration #2 :");
        for (Integer value : numbers) {
            System.out.println(value);
        }
        list <String> values = new Arraylist <Strings> ();
    }
}
```

* Sorting lists.

```
import java.util.ArrayList;
import java.util.List;


public class App {
    public static void main (String[] args) {
        List<String> animals = new ArrayList<String> ();
        animals.add ("cat");
        animals.add ("lion");
        animals.add ("elephant");
        Collections.sort(animals);

        for (String animal: animals) {
            System.out.println (animal);
        }
        List<Integer> numbers = new ArrayList<Integers> ();
        numbers.add(3);
        numbers.add(4);
        numbers.add(36);
        numbers.add (12);
    }
}
```