ArrayList class isEmpty() method

This is 10th post in series of ArrayList class. Previously we have seen [ArrayList introduction](http://data-structure-learning.blogspot.com/2015/08/arraylist-class-introduction-and-how-it.html), ArrayList class [constructors](http://data-structure-learning.blogspot.com/2015/08/arraylist-class-constructors.html), [add](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-add-methods.html)() method, [addAll](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-addall-methods.html)() method, [clear](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-clear-method.html)() method, [indexOf](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-indexof-method.html)() method, [contains](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-contains-method.html)() method, [forEach](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-foreach-method.html)() method and [get](http://data-structure-learning.blogspot.com/2015/09/arraylist-class-get-method.html)() method.

In this post we see a simple method called isEmpty().

isEmpty() method returns true is List is empty, otherwise it returns false. It does so by using size of List. If the size of List is 0 then it returns true i.e. List is empty. If the size of List is greater than 0 then it returns false i.e. List is not empty.

Below is the program that demonstrate the isEmpty() method

**package** org.example.collections.list.arraylist;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** ArrayListIsEmptyDemo {

**public** List<String> names() {

List<String> names = **new** ArrayList<String>();

names.add("Robb");

names.add("Sansa");

names.add("John");

names.add("Arya");

names.add("Bran");

**return** names;

}

**public** **void** isEmptyDemo(List<String> list) {

**boolean** isEmpty = list.isEmpty();

System.***out***.println("Is List Empty:: " + isEmpty);

}

**public** **static** **void** main(String[] args) {

ArrayListIsEmptyDemo isEmptyDemo = **new** ArrayListIsEmptyDemo();

List<String> list = isEmptyDemo.names();

//Prints true

isEmptyDemo.isEmptyDemo(list);

List<String> EMPTY\_LIST = **new** ArrayList<String>();

//Prints false

isEmptyDemo.isEmptyDemo(EMPTY\_LIST);

}

}

Output

Is List Empty:: false

Is List Empty:: true

That’s all on isEmpty() method. In next post we will see iterator() method. It provides a way to iterate on List.