

Generics Activity

Create a new project **genericsActivity** with classes **GenericMethods** and **Main**.

In the **GenericMethods** class:

- Rewrite the assignment example generic method `printArray()` as the new **generic** method called **`printArrayList()`**.
- The `printArrayList()` method should have a **parameter** of an `ArrayList` of any type and print out all the elements in the `ArrayList`.

In the **Main** class:

- Make an instance of the `GenericMethods` class.
- Rewrite the assignment example's arrays of 4 different types as **`ArrayLists`** of 4 different types.
 - You can initialize (assign values to) the `ArrayLists` using **`Arrays.toList()`** (see Week 7's Activity → Activity 17).
- Use the instance of the `GenericMethods` class to call the method **`printArrayList()`** 4 times, using each of the 4 different types of `ArrayLists`.

Example output:

```
Integer arraylist: 1 2 3 4 5
Double arraylist: 1.1 2.2 3.3 4.4 5.5
Char arraylist: a b c d e
String arraylist: alpha beta gamma delta epsilon
```

Submit the **zipped project folder** to Canvas by the due date.