## **CLASSES EXERCISE 1**

**Skills:** Classes, extended classes, and methods

Create a class called "BankAccount"

## Properties:

- balance
- interestRate

## Methods:

• addInterest() // increases the balance by adding the appropriate interest

Next, create a subclass called "BankAccountWithFee" It inherits all the properties and methods from BankAccount and adds the following. *Properties:* 

• fee // a fixed dollar amount fee

## *Methods:*

• applyFee() // subtracts the fee from the balance

Create a few instances (a.k.a. objects) of each class, and test them out by calling the methods.

