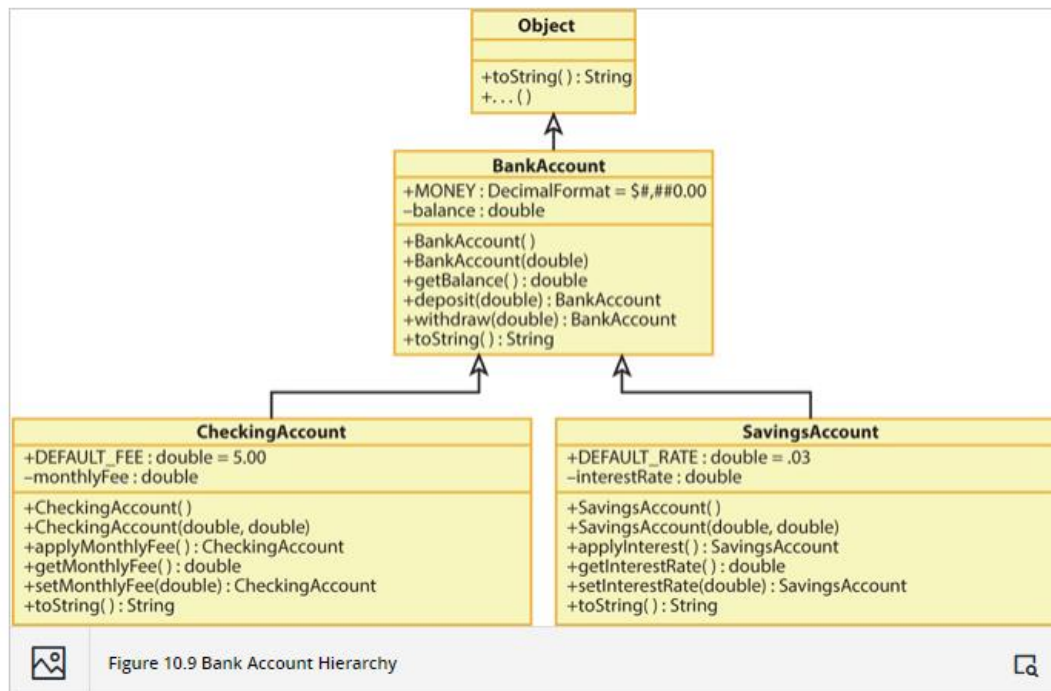


For this Programming Activity, you will create the *SavingsAccount* class, which inherits directly from the *BankAccount* class. The *SavingsAccount* class is similar to the *CheckingAccount* class in that both classes inherit from *BankAccount*. Figure 10.9 shows the resulting hierarchy.



The *SavingsAccount* class inherits from the version of the *BankAccount* class in which the *balance* is declared to be *private*. The *SavingsAccount* subclass adds an annual *interestRate* instance variable, as well as supporting methods to access, change, and apply the interest rate to the account balance.

Instructions:

Copy the source files from the zip file to a folder on your computer. Load the *SavingsAccount.java* source file and search for five asterisks in a row (*****). This will position you to the six locations in the file where you will add code to complete the *SavingsAccount* class. When you completed the six tasks, load, compile, and use the client class to test your code by calling the *SavingsAccount* methods.