- 1. One to many association: Line 38. Holder 15 has two accounts.
- 2. Data Type: My for loop iterator "i" is an integer, which is a primitive data type. My enumeration for "AccountType" is a user-defined data type.
- 3. Inheritance: IndividualHolder and CorporateHolder inherit from abstract class AccountHolder.
- 4. AccountHolder has private balance and account types, which is why I have to access them using methods.
- 5. AccountHolder has "balance" and "account type" properties (enumeration), which is why I have to access them using methods.
- 6. Line 60 has me using "GetAccountTypeOf" to find out if the accounts owned by a particular AccountHolder are "Checking" or "Savings." Not sure what else an end point could be in this context.
- 7. IndividualHolder and CorporateHolder both inherit from the AccountHolder class, which is an example of a dependency as well.
- 8. "AccountType" in the "Account" class is enumerated. In order to parse things easier, I had the "GetAccountType" method return a string ("Checking" for Checking and "Savings" for Savings).
- 9. The "CheckSSN" method is derived from the SSN. Since this program stores that SSN, at least one organization technically does have the SSN, so it warns the user.
- 10. Line 2 has a comment that explains why there are so many new instances of classes.