**Exercise 11.6**

1. 1. All is correct
   2. All is correct
   3. String[0] is not a valid call to a piece of data
   4. String[1] is not a valid call to a piece of data

**Exercise 11.10**

1. Preconditions are requirements before a method is invoked. AN example of this is having a GPA calculator but the precondition is that the grade must be between 0 and 100.
2. Postconditions are requirements based upon return statements. For example, a GPA calculator will have a postcondition to return a double from 0.0 to 4.0

**Exercise 11.12**

1. Equals is the proper way to compare two objects because == just tells you if the two object a the binary equivalent to one each other, rather than if each element is the same.
2. true, false, false
3. The variable refers to the same object as the original object. Shown here: Student s1 = new Student(“Tom”); s2 = s1. s2 and s1 are referring to the same object.
4. To create an exact copy of an object is pretty much impossible. But, you can come close with deep cloning and this is done with a cloning method.