Week 9

1. Pass-by-value passes the value stored in a variable, whereas pass-by-reference passes the memory address reference of a variable. Any variable passed into a method with pass-by-value will not be updated to reflect any changes made to the variable in the method, while a variable passed in by reference will be updated.
2. Java can support pass-by-reference by creating a new object and putting it on the heap.
3. C++ uses pass-by-reference.
4. In C++, a const-reference parameter cannot be changed in the method – any attempt to do so will result in a compile-time error. These kinds of parameters are used for data that is strictly read-only.
5. 0  
   1
6. 7 1

Week 10