Pencil and Paper Assignment for Lesson 4

1. What is printed to the console when the main method is run? Explain why this happens.

public class BadInherit extends SuperClass { BadInherit(){

System.out.println("In BadInherit");

}

public static void main(String[] args){ new BadInherit();

}

}

class SuperClass { SuperClass(){

System.out.println("In SuperClass"); new BadInherit();

}

}

R: It will log “In SuperClass” multiple times because the constructor of the SuperClass is always called automatically by java when an instance of BadInherit is being created since BadInherit extends SuperClass.