**Chapter one**

Ex. 1.1 – done

Ex 1.2 - It moves slightly down with each click and invisible twice doesn’t do anything.

Ex 1.3 - Invoking these methods do what we’d expect from the name.

Ex. 1.4 – The circle turns red

Ex. 1.5 – A color that is known turns the circle black ( I tried purple and orange)

Ex. 1.6 – Without quotes “Error: cannot find symbol – variable red” appears

Ex. 1.7 – Done? I don’t know how to deal with submitting source code on bluejay, it is unclear

Ex. 1.8 – Done

Ex. 1.9 – Done

Ex. 1.10 – Done

Ex. 1.11 – Done

Ex. 1.12 – Done

Ex. 1.13– Done

Ex. 1.14– Done

Ex. 1.15– Done

Ex. 1.16 – Code saved

Ex. 1.17 – Code saved

Ex. 1.18 – Code saved

Ex. 1.19– Code saved

Ex. 1.20– Code saved

Ex. 1.21– Done

Ex. 1.22– Done: When method “getName” is called, it returns the full name string given to the student.

Ex. 1.23– Done: capacity set at 7 students

Ex. 1.24– Done: Method “numberOfStudents” returns what the current number of students.

Ex. 1.25– Done

Ex. 1.26– Done

Ex. 1.27– Done

Ex. 1.28– Done: It has fields are three private strings “instructor”, “room”, and “timeAndDay”. It also has a private “ArrayList<Student>students” and a private int defining the classes capacity.

Ex. 1.29– Done: it prints all added information however in the terminal the time and day prints in a different color.

Ex. 1.30– Done

Ex. 1.31– 0 byte, “hello” is a string”, 101 is a short, -1 is an int, true is a Boolean, “33” is a string, 3.1415 (Pi) is a double

Ex. 1.32– To add a new field (name) to a circle object I would add the new parameter to its constructor.

Ex. 1.33–void send (string)

Ex. 1.34–void average(int x, int y)

{

avrg = (x+y)/2

Return avrg

}

Ex. 1.35– the book is an object. It is an object because it is a specific example of the class book.

Ex. 1.36– No, an object can only be of one class.