

## COMP 1451 Lab 7-a ( 2 points )

For this lab you will work in teams to explore the Eclipse development environment.

Use the documentation provided to help you complete the following in Eclipse:

Animal superclass with two fields: name and age.

Cat and Dog classes that inherit from Animal. Cat has a field for “meow frequency per minute”, an integer. Dog has a boolean field for “chases squirrels”.

AnimalHotel class that holds a whole bunch of animals. This has a method to add animals and a method to display all their info.

Driver class that has a method with this signature:

```
public static void main(String[] args)
```

The main method creates an AnimalHotel object and several Cat and Dog objects. It registers the cats and dogs in the hotel. It prints out the information about all hotel guests.

Run your program to test and ensure everything is working as it should.

Demonstrate your completed project to your instructor or TA before leaving the lab and be sure we have checked it off for each member of the team. A suggested solution will be given during the next class and labs that have not been checked off will not receive any points.

If you have to miss class it is your responsibility to do the lab at home and submit it to the appropriate D2L dropbox before next class.