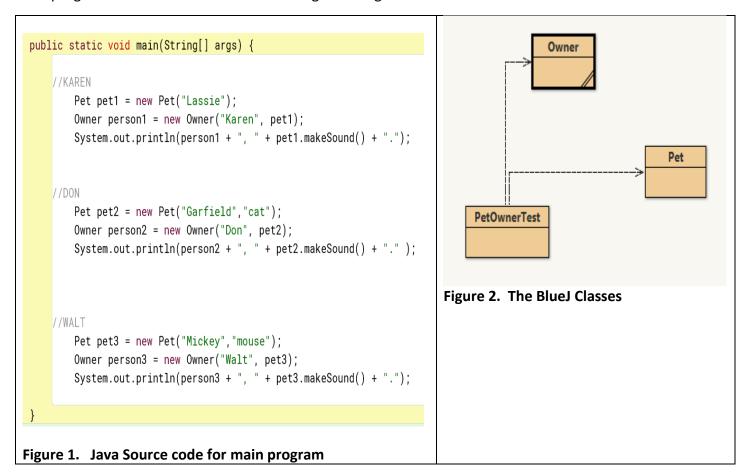
Classes Objects & UML



Create a Pet class and an Owner class. Owners are allowed to own <u>one</u> pet per owner which is either a dog, cat or mouse. The main program is contained in the class called, PetOwnerTest. The Java source code for the main program inside PetOwnerTest has been given in figure 1.



Required:

- a) write a UML for both the Owner and Pet classes.
- b) Each pet is assigned a tag id upon instantiation.
- c) code the Owner and Pet classes in java so that the PetOwnerTest works **EXACTLY** as written.

Karen owns a dog named Lassie, Woof.
Don owns a cat named Garfield, Meow.
Walt owns a mouse named Mickey, Squeak.

Tag Ids
[1000] Lassie
[1001] Garfield
[1002] Mickey

Figure 3. The output from PetOwnerTest

