

Dog: An abstract class defines a Dog object.

The Dog class will have one field.

name: the name of the dog. (Visibility Modifier: private, Type: Sting)

The Dog class will have the following methods.

getName: Retrieves the name of this dog. (Visibility Modifier: public, Return Type: Sting)

setName: Given a name, change the name of this shape to the new name. (Visibility Modifier: public, Return Type: void, Parameter Type: String, Parameter Name: name)

equals: Compare this dog with some other object. This method overrides java equals method. (Visibility Modifier: public, Return Type: boolean, Parameter Type: Object, Parameter Name: obj)

toSring: Represents this dog as a string literal. This method overrides java toString method. (Visibility Modifier: public, Return Type: String)