

Lab 7 Sample Test Case

Question 1

```
public static void testAnimal() {  
  
}
```

Question 2

```
public static void testAnimal() {  
  
}  
  
public static void testDog() {  
    Dog d = new Dog("Nice Doggy");  
    // The getName method is inherited from Animal.  
    // The getLegs and canFly methods come from Dog itself.  
    System.out.println(d.getName() == "Nice Doggy");  
    System.out.println(d.getLegs() == 4);  
    System.out.println(d.canFly() == false);  
}
```

Question 3

```
public static void testAnimal() {  
  
}  
  
public static void testDog() {  
    Dog d = new Dog("Nice Doggy");  
    // The getName method is inherited from Animal.  
    // The getLegs and canFly methods come from Dog itself.  
    System.out.println(d.getName() == "Nice Doggy");  
    System.out.println(d.getLegs() == 4);  
    System.out.println(d.canFly() == false);  
}  
public static void testBird() {  
  
}
```

Question 4

```
public static void testAnimal() {  
  
}  
  
public static void testDog() {  
    Dog d = new Dog("Nice Doggy");  
    // The getName method is inherited from Animal.  
    // The getLegs and canFly methods come from Dog itself.  
    System.out.println(d.getName() == "Nice Doggy");  
    System.out.println(d.getLegs() == 4);  
    System.out.println(d.canFly() == false);  
}  
public static void testBird() {  
  
}
```

```

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
}

```

Question 5

```

public static void testAnimal() {

}

public static void testDog() {
    Dog d = new Dog("Nice Doggy");
    // The getName method is inherited from Animal.
    // The getLegs and canFly methods come from Dog itself.
    System.out.println(d.getName() == "Nice Doggy");
    System.out.println(d.getLegs() == 4);
    System.out.println(d.canFly() == false);
}

public static void testBird() {

}

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
}

public static void testOstrich() {
    Ostrich o = new Ostrich("Ossie");
    System.out.println(o.getName() == "Ossie");
    System.out.println(o.getLegs() == 2);
    System.out.println(o.getNumOfEggs() == 10);
    System.out.println(o.canFly() == false);
}

```

Question 6

```

public static void testAnimal() {

}

public static void testDog() {
    Dog d = new Dog("Nice Doggy");
    // The getName method is inherited from Animal.
    // The getLegs and canFly methods come from Dog itself.
    System.out.println(d.getName() == "Nice Doggy");
    System.out.println(d.getLegs() == 4);
    System.out.println(d.canFly() == false);
}

public static void testBird() {

```

```

}

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
}

public static void testOstrich() {
    Ostrich o = new Ostrich("Ossie");
    System.out.println(o.getName() == "Ossie");
    System.out.println(o.getLegs() == 2);
    System.out.println(o.getNumOfEggs() == 10);
    System.out.println(o.canFly() == false);
}

public static void testPegasus() {
    Pegasus p = new Pegasus("Peggie");
    System.out.println(p.getName() == "Peggie");
    System.out.println(p.getLegs() == 4);
    System.out.println(p.getNumOfEggs() == 0); // Message printed here.
    System.out.println(p.canFly() == true);
}

```

Question 7

```

public static void testAnimal() {

}

public static void testDog() {
    Dog d = new Dog("Nice Doggy");
    // The getName method is inherited from Animal.
    // The getLegs and canFly methods come from Dog itself.
    System.out.println(d.getName() == "Nice Doggy");
    System.out.println(d.getLegs() == 4);
    System.out.println(d.canFly() == false);
}

public static void testBird() {

}

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
}

public static void testOstrich() {
    Ostrich o = new Ostrich("Ossie");
    System.out.println(o.getName() == "Ossie");
    System.out.println(o.getLegs() == 2);
    System.out.println(o.getNumOfEggs() == 10);
    System.out.println(o.canFly() == false);
}

public static void testPegasus() {

```

```

Pegasus p = new Pegasus("Peggie");
System.out.println(p.getName() == "Peggie");
System.out.println(p.getLegs() == 4);
System.out.println(p.getNumOfEggs() == 0); // Message printed here.
System.out.println(p.canFly() == true);
}

```

Question 8

```

public static void testAnimal() {

}

public static void testDog() {
    Dog d = new Dog("Nice Doggy");
    // The getName method is inherited from Animal.
    // The getLegs and canFly methods come from Dog itself.
    System.out.println(d.getName() == "Nice Doggy");
    System.out.println(d.getLegs() == 4);
    System.out.println(d.canFly() == false);
}

public static void testBird() {

}

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
}

public static void testOstrich() {
    Ostrich o = new Ostrich("Ossie");
    System.out.println(o.getName() == "Ossie");
    System.out.println(o.getLegs() == 2);
    System.out.println(o.getNumOfEggs() == 10);
    System.out.println(o.canFly() == false);
}

public static void testPegasus() {
    Pegasus p = new Pegasus("Peggie");
    System.out.println(p.getName() == "Peggie");
    System.out.println(p.getLegs() == 4);
    System.out.println(p.getNumOfEggs() == 0); // Message printed here.
    System.out.println(p.canFly() == true);
}

public static void testAirplane() {
    Airplane a = new Airplane("Aircar");
    System.out.println(a.getName() == "Aircar");
    System.out.println(a.canFly() == true);
}

```

Question 9

```

public static void testAnimal() {

```

```

}

public static void testDog() {
    Dog d = new Dog("Nice Doggy");
    // The getName method is inherited from Animal.
    // The getLegs and canFly methods come from Dog itself.
    System.out.println(d.getName() == "Nice Doggy");
    System.out.println(d.getLegs() == 4);
    System.out.println(d.canFly() == false);
}

public static void testBird() {

}

public static void testMagpie() {
    Magpie m = new Magpie("Maggie");
    System.out.println(m.getName() == "Maggie");
    System.out.println(m.getLegs() == 2);
    System.out.println(m.getNumOfEggs() == 6);
    System.out.println(m.canFly() == true);
    System.out.println(m.isDangerous() == false);
}

public static void testOstrich() {
    Ostrich o = new Ostrich("Ossie");
    System.out.println(o.getName() == "Ossie");
    System.out.println(o.getLegs() == 2);
    System.out.println(o.getNumOfEggs() == 10);
    System.out.println(o.canFly() == false);
    System.out.println(o.isDangerous() == true);
}

public static void testPegasus() {
    Pegasus p = new Pegasus("Peggie");
    System.out.println(p.getName() == "Peggie");
    System.out.println(p.getLegs() == 4);
    System.out.println(p.getNumOfEggs() == 0); // Message printed here.
    System.out.println(p.canFly() == true);
    System.out.println(p.isDangerous() == false);
}

public static void testAirplane() {
    Airplane a = new Airplane("Aircar");
    System.out.println(a.getName() == "Aircar");
    System.out.println(a.canFly() == true);
    System.out.println(a.isDangerous() == false);
}

```