Selected files

5 printable files

```
1A\Animal.java
1A\Cat.java
1A\Dog.java
1A\Main.java
1A\Mammal.java
```

1A\Animal.java

```java
 1  public class Animal {
 2      private String name;
 3
 4      public Animal(String name) {
 5          this.name = name;
 6      }
 7
 8      public String toString() {
 9          return "Animal[name=" + this.name + "]";
10      }
11  }
```

1A\Cat.java

```java
 1  public class Cat extends Mammal {
 2
 3      public Cat(String name) {
 4          super(name); // Get the value from Super class
 5      }
 6
 7      public void greets() {
 8          System.out.println("Meow");
 9      }
10
11      @Override
12      public String toString() {
13          return "Cat[" + super.toString() + "]";
14      }
15  }
16
```

1A\Dog.java

```java
 1  public class Dog extends Mammal {
 2
 3      public Dog(String name) {
 4          super(name);
 5      }
 6
 7      public void greets() {
 8          System.out.println("Woof");
 9      }
10
11      public void greets(Dog another) {
12          System.out.println("Woooof");
13      }
14
```

```
15        @Override
16        public String toString() {
17            return "Dog[" + super.toString() + "]";
18        }
19    }
20
```

1A\Main.java

```java
1  public class Main {
2      public static void main(String[] args) {
3          Dog dog1 = new Dog("chihuahua");
4          Dog dog2 = new Dog("corgi");
5          Cat cat1 = new Cat("heasti");
6
7          dog1.greets();
8          dog1.greets(dog2);
9          System.out.println(dog1.toString());
10
11         cat1.greets();
12         System.out.println(cat1.toString());
13
14     }
15 }
16
```

1A\Mammal.java

```java
1  public class Mammal extends Animal {
2
3      public Mammal(String name) {
4          super(name); // Get the value from Super class
5      }
6
7      @Override
8      public String toString() {
9          return "Mammal[" + super.toString() + "]"; // Get the value from Super class
10     }
11 }
```