Selected files

6 printable files

```
1B\Animal.java
1B\BigDog.java
1B\Cat.java
1B\Dog.java
1B\Main.java
1B\Mammal.java
```

1B\Animal.java

```java
public abstract class Animal {
    private String name;

    public Animal(String name) {
        this.name = name;
    }

    public abstract void greets();

    public String toString() {
        return "Animal[name=" + this.name + "]";
    }
}
```

1B\BigDog.java

```java
public class BigDog extends Dog {
    public BigDog(String name) {
        super(name);
    }

    public void greets() {
        System.out.println("Wooow");
    }

    public void greets(Dog another) {
        System.out.println("Woooooow");
    }

    public void greets(BigDog another) {
        System.out.println("Wooooooooow");
    }
}
```

1B\Cat.java

```java
public class Cat extends Mammal {

    public Cat(String name) {
        super(name); // Get the value from Super class
    }

    public void greets() {
        System.out.println("Meow");
    }
```

```java
11        @Override
12        public String toString() {
13            return "Cat[" + super.toString() + "]";
14        }
15    }
16
```

1B\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
```

1B\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
```

1B\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
```

```java
 7        @Override
 8        public void greets() {
 9        }
10
11        @Override
12        public String toString() {
13            return "Mammal[" + super.toString() + "]"; // Get the value from Super class
14        }
15 }
```