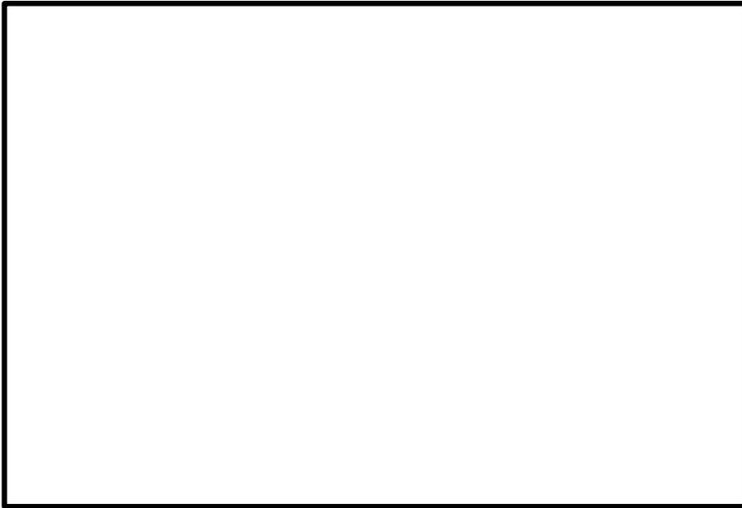
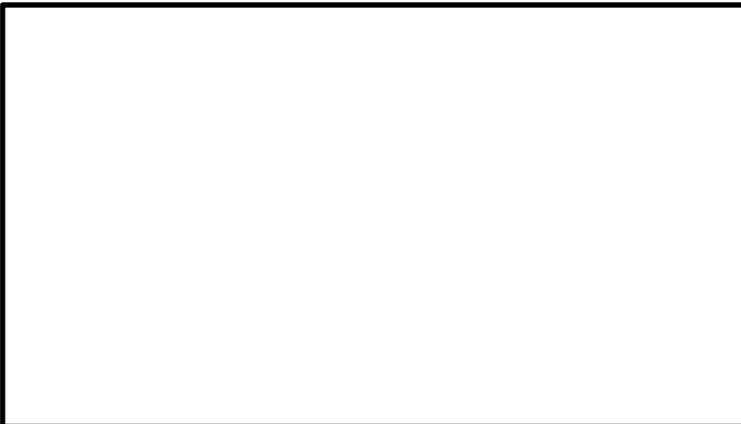


Java Source Code File:



Syntax for package declaration:

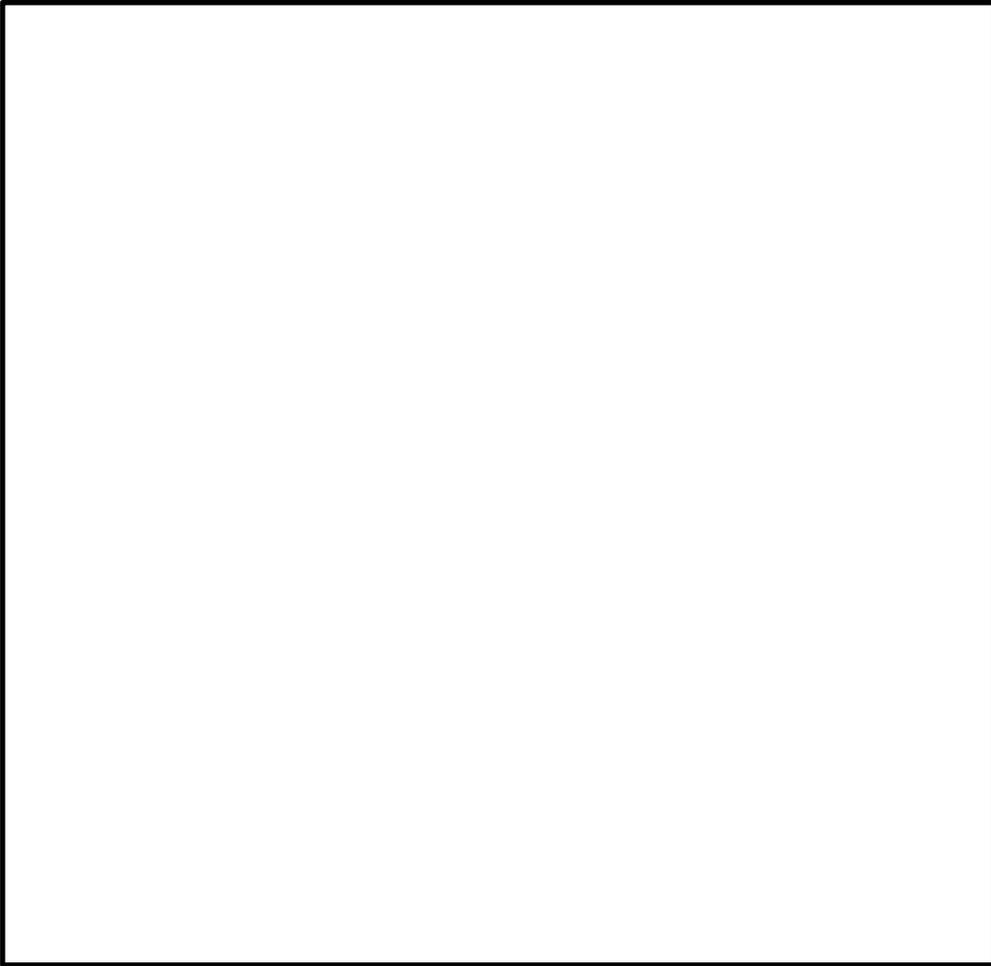
Class Definition



Syntax for class header:

Syntax for class body:

Java Source Code File:

A large, empty rectangular box with a black border, intended for writing Java source code.

Constructor definition:

A rectangular box with a black border, intended for writing a constructor definition.

Syntax for constructor header:

Syntax for constructor body:

Identify the package declaration, class definition, class header, class body, constructor definition, constructor header, constructor body in this code segment.

```
package example1;

public class BiologyExperiment {

    public BiologyExperiment() {
        // TODO Auto-generated constructor stub
    }

}
```

As we fill in the code for this class, feel free to write the code in.

```
package example1;

public class BiologyExperiment {

    public BiologyExperiment() {
```

```
}
```

```
}
```

Memory Diagrams:

```
(1) Terrarium terrarium;
```

```
(2) terrarium = new Terrarium();
```

```
(3) Ant ant1;
```

```
(4) ant1 = new Ant();
```

```
(5) Ant ant2 = new Ant();
```

```
(6) ant1 = ant2;
```

```
(7) ant2 = new Ant();
```