```java
public class UFOEnemyShip extends EnemyShip{

    private String idcode = "100";

    private String getPrivate() { return "How did you get this"; }

    private String getOtherprivate(int thisInt, String thatString)

        return "How did you get here " + thisInt + " " + thatStrin

    }

    public UFOEnemyShip(int number, String randString){

        System.out.println("You sent: " + number + " " + randStrin

    }

```

```java
import java.lang.reflect.Modifier;

public class TestingReflection {

    public static void main(String[] args){

        Class reflectClass = UFOEnemyShip.class;

        String className = reflectClass.getName();

        System.out.print(className + "\n");

        int classModifier = reflectClass.getModifiers();

        // isAbstract, isFinal, isInterface, isPrivate, isProtected
        // isStatic, isStrict, isSynchronized, isVolatile

        System.out.print(Modifier.isPublic(classModifier) + "\n");

    }

}
```

```java
        Class classSuper = reflectClass.getSuperclass();

        System.out.print(classSuper.getName() + "\n");

        Method[] classMethods = reflectClass.getMethods();

        for(Method method : classMethods){

            System.out.print("Method Name: " + method.getName() + "\n");

            if(method.getName().startsWith("get")){

                System.out.print("Getter Method");

            } else if(method.getName().startsWith("set")){

                System.out.print("Setter Method");

            }

        }

```

What is the Java Reflection API?

- Class Manipulator?
- Used to manipulate classes and everything in a class
- Can slow down a program because the JVM can't optimize the code
- Can't be used with applets
- Should be used sparingly