

```
package ast;

import java.util.ArrayList;

/**
 * Class that stores class information, such as attributes, methods and constructors
 * @author Sergio Alcocer
 *
 */
public class Class extends Elem {

    private ArrayList<Attribute> attributes;
    private ArrayList<Method> methods;
    private ArrayList<Method> constructors;

    /**
     * Constructor of the class
     */
    public Class() {
        super(T_CLASS);
        attributes = new ArrayList<Attribute>();
        methods = new ArrayList<Method>();
        constructors = new ArrayList<Method>();
    }

    /**
     * Adds an attribute to the list
     * @param _att Attribute to be added
     */
    public void addAttribute(Attribute _att) {
        attributes.add(_att);
    }

    /** Adds a method to the list
     * @param _method Method to be added (from ast.Method)
     */
    public void addMethod(Method _method) {
        if (!_method.isConstructor()) methods.add(_method);
        else constructors.add(_method);
    }
}
```

```
/**
 * Gets the constructors of the class
 * @return ArrayList<Method> with all the constructos
 */
public ArrayList<Method> getConstructors() {
    return constructors;
}

/**
 * Gets the mehtods of the class
 * @return ArrayList<Method> with all the methods
 */
public ArrayList<Method> getMethods() {
    return methods;
}
}
```