

```
package ast;

/**
 * Super Class of Attributes, Class and Method
 * @author Sergio Alcocer
 *
 */
public class Elem {
    public static int PUBLIC = 0;
    public static int PRIVATE = 1;

    public static int T_ATTRIBUTE = 0;
    public static int T_CLASS = 1;
    public static int T_METHOD = 2;

    protected String name;
    protected int access;
    protected int type;

    protected Elem(int _type){
        type = _type;
    }

    /**
     * Sets the name of the Element
     * @param _name name to be set
     */
    public void setName(String _name){
        name = _name;
    }

    /**
     * Sets the access of the Element
     * @param _access access to be set
     */
    public void setAccess(int _access){
        access = _access;
    }
}
```

```
/**
 * Gets the Type of the Element
 * @return type of the Element
 */
public int getType(){
    return type;
}

/**
 * Gets the Access of the Element
 * @return access of the Element
 */
public int getAccess(){
    return access;
}

/**
 * Gets the name of the Element
 * @return name of the Element
 */
public String getName(){
    return name;
}
}
```