

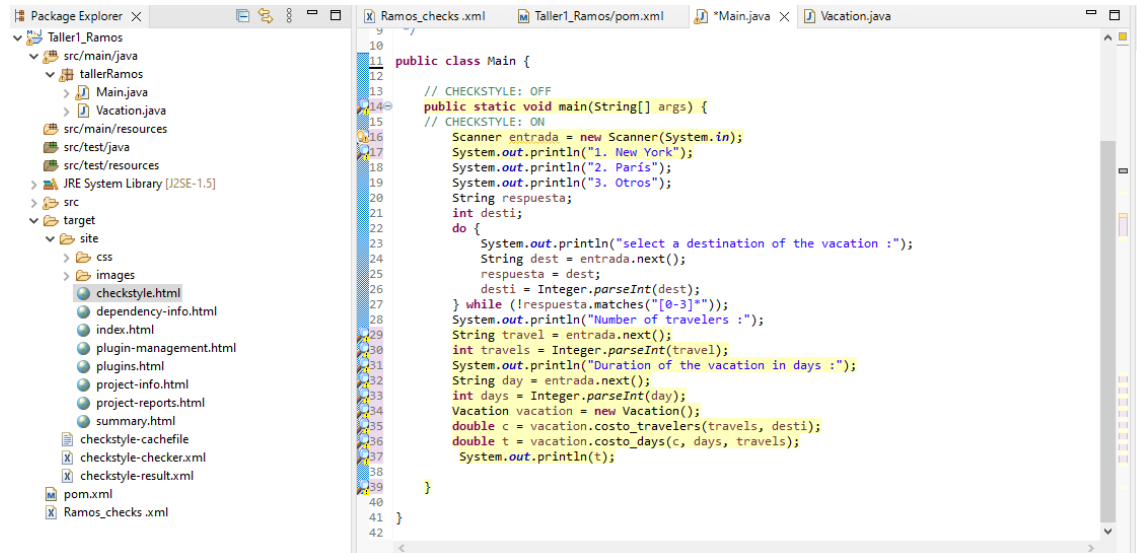
ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL
FACULTY OF ELECTRICAL AND COMPUTER ENGINEERING
SOFTWARE ENGINEERING II
CODING STANDARDS - 2023

Name: María Alexandra Ramos Plúas

Reporte2 taller#1

Main

Wrong bleed and missing JavaDoc comments.



```
11 public class Main {
12     /**
13      *
14      * @return
15      *
16      */
17
18     // CHECKSTYLE: OFF
19     public static void main(String[] args) {
20         // CHECKSTYLE: ON
21         Scanner entrada = new Scanner(System.in);
22         System.out.println("1. New York");
23         System.out.println("2. Paris");
24         System.out.println("3. Otros");
25         String respuesta;
26         int desti;
27         do {
28             System.out.println("select a destination of the vacation :");
29             String dest = entrada.next();
30             respuesta = dest;
31             desti = Integer.parseInt(dest);
32         } while (!respuesta.matches("[0-3]*"));
33         System.out.println("Number of travelers :");
34         String travel = entrada.next();
35         int travels = Integer.parseInt(travel);
36         System.out.println("Duration of the vacation in days :");
37         String day = entrada.next();
38         int days = Integer.parseInt(day);
39         Vacation vacation = new Vacation();
40         double c = vacation.costo_travelers(travels, desti);
41         double t = vacation.costo_days(c, days, travels);
42         System.out.println(t);
43     }
44 }
```

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Class- Vacation

Wrong bleed and missing JavaDoc comments.

The screenshot shows an IDE window with the file `Vacation.java` open. The code is as follows:

```
1 package tallerRamos;
2
3 public class Vacation {
4     String destination;
5     int n_travel;
6     int days;
7     public Vacation() {
8
9     }
10    public String getdestination() {
11        return destination;
12    }
13    public void setDestination(String destination) {
14        destination = destination;
15    }
16    public int getN_travel() {
17        return n_travel;
18    }
19    public void setN_travel(int n_travel) {
20        this.n_travel = n_travel;
21    }
22    public int getDays() {
23        return days;
24    }
25    public void setDays(int days) {
26        this.days = days;
27    }
28
29    public int costo_dest(int dest) {
30        if(dest==1) {
31            return 1600;
32        }
33        else if (dest==2) {
34            return 1500;
35        }
36    }
37 }
```

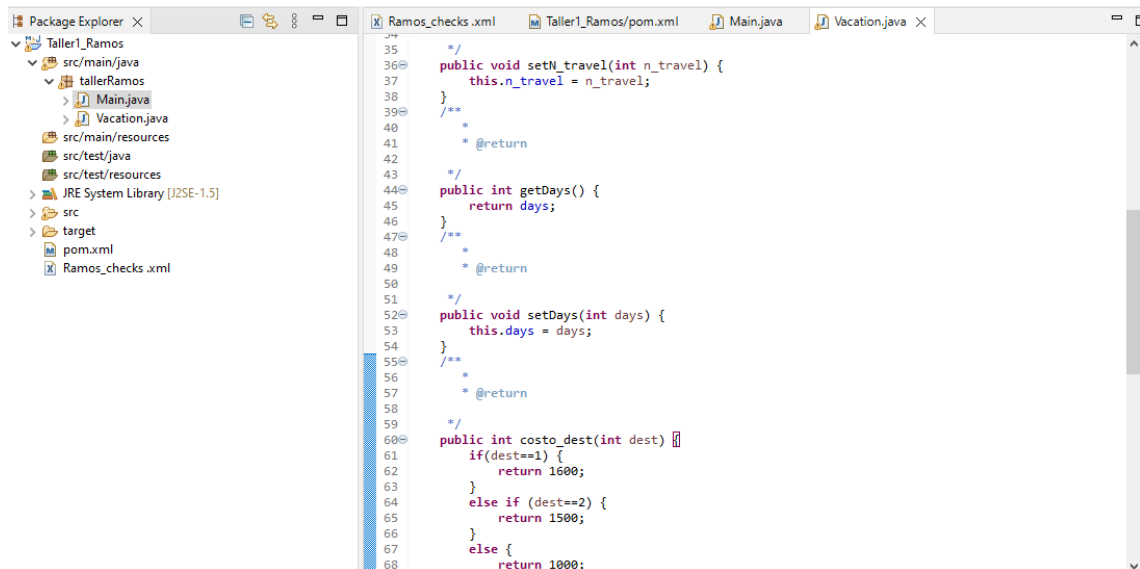
The code has several issues: missing JavaDoc comments for the methods, and incorrect indentation for the `if` and `else if` blocks in the `costo_dest` method. The status bar at the bottom indicates "0 errors, 74 warnings, 0 others".

The screenshot shows the same IDE window with the file `Vacation.java` open, but with JavaDoc comments added and indentation corrected. The code is as follows:

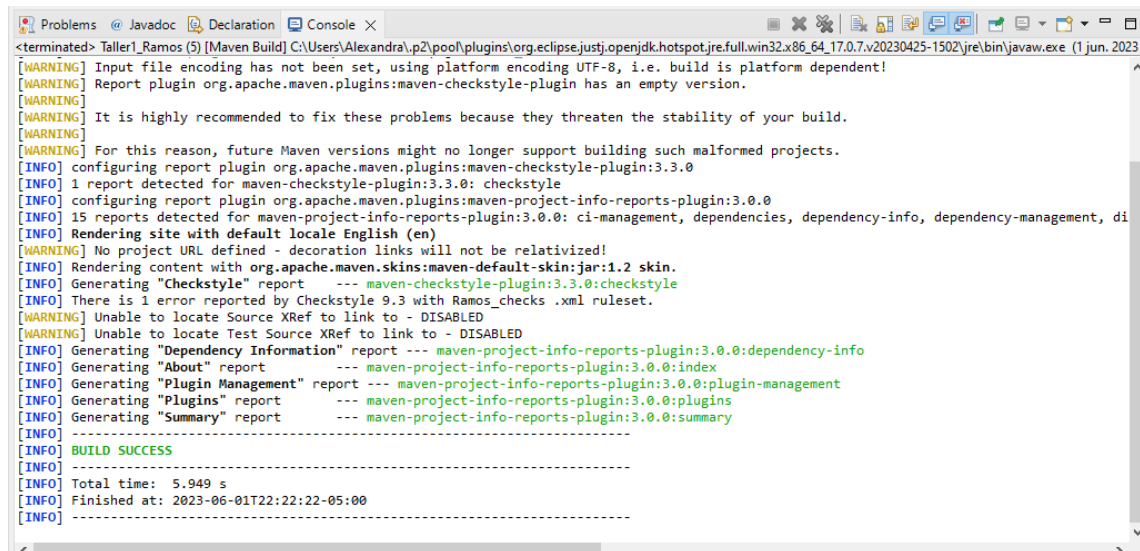
```
1 package tallerRamos;
2
3 public class Vacation {
4     String destination;
5     int n_travel;
6     int days;
7     /**
8      *
9      * @return
10     */
11    public String getdestination() {
12        return destination;
13    }
14    /**
15     *
16     * @return
17     */
18    public void setDestination(String destination) {
19        this.destination = destination;
20    }
21    /**
22     *
23     * @return
24     */
25    public int getN_travel() {
26        return n_travel;
27    }
28    /**
29     *
30     * @return
31     */
32    public int costo_dest(int dest) {
33        if(dest==1) {
34            return 1600;
35        }
36        else if (dest==2) {
37            return 1500;
38        }
39    }
40 }
```

The code now includes JavaDoc comments for the methods, and the indentation for the `if` and `else if` blocks in the `costo_dest` method has been corrected to match the class's indentation style.

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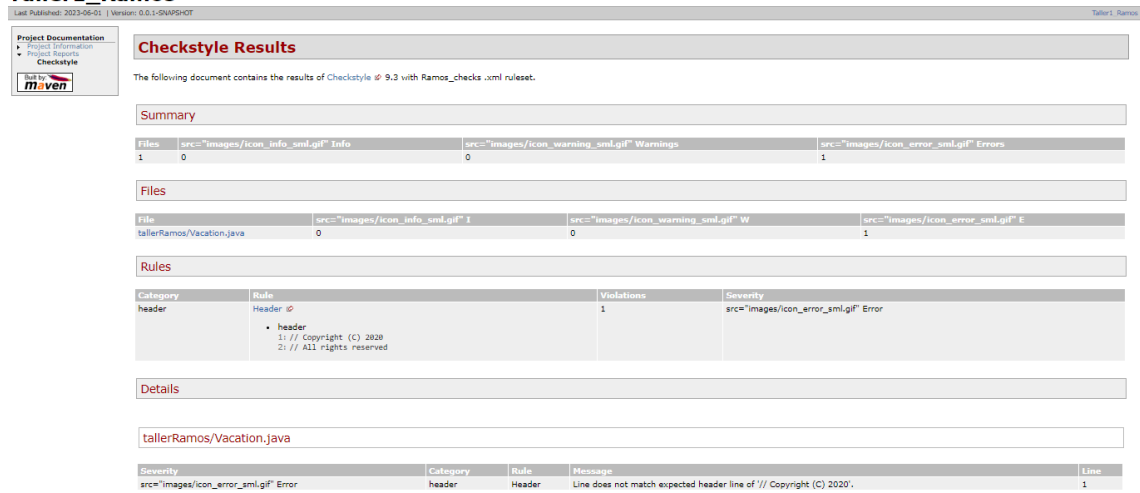


The screenshot shows an IDE with a Package Explorer on the left and a code editor on the right. The Package Explorer shows a project named 'Taller1_Ramos' with a source folder 'src/main/java' containing 'Main.java' and 'Vacation.java'. The code editor shows the content of 'Ramos_checks.xml', which is an XML file defining Checkstyle rules for the project. The rules include a header rule, a package rule, and several class rules for 'setN_travel', 'getDays', 'setDays', and 'costo_dest'.



The screenshot shows the Maven console output for the 'Taller1_Ramos' project. The output includes warnings about input file encoding, Maven version recommendations, and information about the build process. The build is successful, and the console shows the time taken (5.949 s) and the finish time (2023-06-01T22:22:05:00).

Taller1_Ramos



The screenshot shows the Maven Checkstyle Results page for the 'Taller1_Ramos' project. The page displays the results of the Checkstyle 9.3.0 analysis, including a summary of errors, warnings, and violations. The summary shows 1 error, 0 warnings, and 1 violation. The details section shows the specific error: 'Line does not match expected header line of // Copyright (C) 2020'.

Files	src="images/icon_info_sml.gif" Info	src="images/icon_warning_sml.gif" Warnings	src="images/icon_error_sml.gif" Errors
1	0	0	1

File	src="images/icon_info_sml.gif" I	src="images/icon_warning_sml.gif" W	src="images/icon_error_sml.gif" E
tallerRamos/Vacation.java	0	0	1

Category	Rule	Violations	Severity
header	Header	1	src="images/icon_error_sml.gif" Error

Severity	Category	Rule	Message	Line
src="images/icon_error_sml.gif" Error	header	Header	Line does not match expected header line of // Copyright (C) 2020	1

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Repository:

https://github.com/maraplua/Coding_Standards_SWII