

Self-evaluation form

Group: 1 1

Oral discussion date:

Penalization (days):

Number: 8 4 1 3 7

Name: M a t i l d e P e r e i r a M o r e i r a

Expected mark:

Number: 8 4 0 9 6

Name: João Pedro Costa Luís Cardoso

Expected mark:

Number: 7 9 6 5 6

Name: Carolina Coelho Martins de Almeida Cunha

Expected mark:

Number: _____

Name: _____

Expected mark: _____

Please fill the following form relative to the **implementation** of the project:

General aspects:			
How do you classify the UML tool used (identify it)? _____ <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Bad			
Does your application use any external library, besides that provided within JDK?			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (which ones?): _____			
How many packages does your application have? <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> ≥ 3 : <u>4</u>			
How many interfaces does your application have? <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> ≥ 3 : <u>4</u>			
Is your application extensible to further developments? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partialy			
Does your application have at least one polymorphic invocation?			
<input type="checkbox"/> No <input type="checkbox"/> Yes (methods?): _____			
How many times the instanceof operator is used in your application (really count them)? <u>2</u>			
In which methods? <u>public void simulacao();</u>			
Which XML parser is used to parse the input file? <u>Document Object Model (DOM)</u>			
Have external libraries been required? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (which ones?): _____			
Do you provide a DTD? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No When parsing, is XML validated against it? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Concerning visibility of the fields, check visibilities that are used in the code:			
<input checked="" type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input checked="" type="checkbox"/> Package	<input checked="" type="checkbox"/> Protected
Concerning visibility of the methods, check visibilities that are used in the code:			
<input checked="" type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input checked="" type="checkbox"/> Package	<input type="checkbox"/> Protected
Concerning visibility of the classes, check visibilities that are used in the code: <input checked="" type="checkbox"/> Public <input checked="" type="checkbox"/> Package			
Does your application contain any static field? <input checked="" type="checkbox"/> Yes (how many?): <u>3</u> <input type="checkbox"/> No			
Does your application contain any static method? <input checked="" type="checkbox"/> Yes (how many?): <u>1</u> <input type="checkbox"/> No			
Does your application contain any user defined exceptions? <input type="checkbox"/> Yes (how many?): _____ <input type="checkbox"/> No			

Simulation problem:			
Data structure of the events (PEC): _____		From java.util? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Is it ordered?	<input type="checkbox"/> No <input type="checkbox"/> Yes, with a:	<input type="checkbox"/> Comparable	<input type="checkbox"/> Comparator <input type="checkbox"/> Other
Are all events implemented as described in the project description and the FAQ?			
Ant Move:	<input type="checkbox"/> Yes	<input type="checkbox"/> With faults	<input type="checkbox"/> Not implemented
Edge evaporation:	<input type="checkbox"/> Yes	<input type="checkbox"/> With faults	<input type="checkbox"/> Not implemented
Are observations implemented as events?		<input type="checkbox"/> Yes <input type="checkbox"/> No	All 20 at once in the PEC? <input type="checkbox"/> Yes <input type="checkbox"/> No
Data structure of the colony: _____		From java.util? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Is it ordered?	<input type="checkbox"/> No <input type="checkbox"/> Yes, with a:	<input type="checkbox"/> Comparable	<input type="checkbox"/> Comparator <input type="checkbox"/> Other
Data structure of the graph: _____		From java.util? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Is the best path stored in memory?		<input type="checkbox"/> Yes <input type="checkbox"/> No, it is calculated only when needed	<input type="checkbox"/> Other
Is the best path always found when you run the xml file provided in the Project webpage?		<input type="checkbox"/> Yes	<input type="checkbox"/> No

Global evaluation:
What was the degree of participation of each element in the group? (% should sum 100%)? Num 8 4 1 3 7 : _____% Num 8 4 0 9 6 : _____% Num 7 9 6 5 6 : _____% Num _____ : _____%

In the extent of your perception of the developed work, fill the following tables:

Project documentation	Yes	No
Is the project correctly documented through comments in the source code?	<input type="checkbox"/>	<input type="checkbox"/>
Was the javadoc tool used to build the documentation of the developed packages?	<input type="checkbox"/>	<input type="checkbox"/>
Is it complete, with:		
- overview of packages?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- summary of classes, interfaces and exceptions?	<input type="checkbox"/>	<input type="checkbox"/>
- brief description of classes, interfaces and exceptions?	<input type="checkbox"/>	<input type="checkbox"/>
- summary of fields, constructors and methods?	<input type="checkbox"/>	<input type="checkbox"/>
- detail of fields, constructors and methods?	<input type="checkbox"/>	<input type="checkbox"/>

Project compilation	Yes	No
Does the project compile without errors?	<input type="checkbox"/>	<input type="checkbox"/>
Does the project compile without warnings?	<input type="checkbox"/>	<input type="checkbox"/>
If the answer is no, are all these warnings unchecked warnings?	<input type="checkbox"/>	<input type="checkbox"/>

Running	Yes	No	With faults
Is the jar file runnable from the shell?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the project read correctly the parameters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the project run with the input given in the project webpage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the project generate any supplementary information (status, debug, etc)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Development environment used? ☒ Linux ☒ Windows ☐ Unix ☐ Mac/OS

Java version used: _____

Was the final program tested in the laboratory workstations? ☒ Yes ☐ No

The following table is to be filled by the **professor**:

Report	Yes/Good	No/Bad	Incomplete/Fair
Cover identifies the course, authors and group number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goals of the work are very succinct but clearly stated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intelligibility of the document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structure of the document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clear/concise justification of main data structures used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OO solution (extensibility, polymorphism, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Critical evaluation of the application performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description of functionalities beyond requested ones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conclusions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>