

Name:



**UNIVERSITY  
OF ALBERTA**

**Augustana Computing Science 112**

**Assignment #6 Marking (Maze Solver)**

**Correctness (/6):** (-1 per error, stopping at average mark 4, but docking more if below average)

Maze Solved

- Shows all paths investigated, possibly not removing deadends
- Properly uses a `Stack` (or two stacks) as the primary data structure (including specifying the data type of the stack entries – not just `Object`)
- Does not import anything but the four files allowed (-3 if extra imports)
- Implements the algorithm given on the specification
- Determines if path exists or not (i.e. maze is solvable or not)

Path

- Shows path with dots
- Removes deadends in actual path shown (-1.5 if not completed)

Modularity

- Made some methods (3 methods minimum, not including main)

**Documentation & Style (/4):** (-1 per error, stopping at average mark 2, and docking more if below average)

File Header

- Name & Id
- Date
- Explains file

Method Headers

- Javadoc format – line description, parameters described

Variable and Method Names

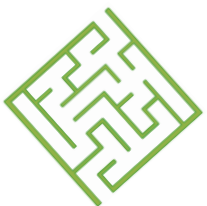
- Descriptive
- Follow conventions (do not start with a capital; camelCase)

Indentation & space

- Proper indentation everywhere
- Easy to read
- Blank lines used for delineation
- Binary operators have space on either side

Comments

- Add to the code, do not translate the code



Total: \_\_\_\_\_ / 10