

# CS1027b Assignment 2 Marking Scheme

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Specification	Your Mark	Out Of
<b>Program Design and Implementation</b>		
<ul style="list-style-type: none"><li>Required components<ul style="list-style-type: none"><li>Maze solution (25)</li><li>Exception Handling (5)</li></ul></li></ul>	30	30
<ul style="list-style-type: none"><li>Running without errors<ul style="list-style-type: none"><li>Maze and Hexagons handled correctly (20)</li></ul></li></ul>	20	20
<ul style="list-style-type: none"><li>Design quality (how good is the programming?)<ul style="list-style-type: none"><li>Elegant implementation of maze solution without unnecessary steps (15)</li><li>Exceptions in suitable order (5)</li></ul></li></ul>	20	20
<b>Programming Style</b>		
<ul style="list-style-type: none"><li>variables and constants</li></ul>		
<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>meaningful identifier names</li></ul></li></ul>	5	5
<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>conventions for variable, constant names</li></ul></li></ul>	5	5
<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>named constants instead of "magic numbers"</li></ul></li></ul>	5	5
<ul style="list-style-type: none"><li>readability</li></ul>		
<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>indentation, white space, consistency</li></ul></li></ul>	5	5
<b>Commenting</b>		
<ul style="list-style-type: none"><li>significant variables well commented</li></ul>	5	5
<ul style="list-style-type: none"><li>block comments within code to explain algorithm used</li></ul>	5	5
<b>Deductions</b>		
<ul style="list-style-type: none"><li>incomplete submission (up to 10%)</li></ul>		
<ul style="list-style-type: none"><li>lateness (10% per day late, up to 2 days maximum)</li></ul>		
<b>Total</b>	100	100

**Comments: beautiful**