



Cyclomatic Complexity Relevance

**Course:** MSc Computer Science

**Module:** Secure Software Development (Computer Science)

**Assignment:** ePortfolio

**Date:** Saturday 30th October 2021

**Student ID:** 126853

The “Cyclomatic Complexity” terminology relates to a metric indicating the complexity of a program, with the number incrementing based upon the number of unique pathways through a program. I believe this terminology is relevant today, as it provides a solid indicator of the total number of test cases that will need to be implemented by a developer to ensure 100% code coverage.

With regard to this module, in particular, I believe it is relevant as it indicates the number of test cases we will need to implement in order to ensure our code is 100% tested and does not contain any unexpected bugs.