Assignment Specification 2025-2026

Module Title	Foundations of Programming and Software Engineering
Module Code	CSC-44102
Assessment Type	Website
Assessment Title	Assessment 2
Weighting (% of module mark)	20%
Assessment Length (word count or equivalent)	Equivalent of 1000 words
Submission Deadline (date and time)	14 November 2025 — 1 pm
Format of Submission	Link to your public GitHub repository
Type of GenAI Use Permitted in Assessment	Full GenAI co-creation
Feedback Release Date	04 December 2025
Staff contact details	Dr Alastair Channon a.d.channon@keele.ac.uk

Assessment Details:

For this assessment, you must create a public GitHub repository and work within it, or start with a local Git repository and then transfer it to a public GitHub repository that you create. Use your Keele email address for your GitHub account and for your commits. Most of the assessment's marks are for your use of Git and GitHub, rather than for your Python code.

With (or without) the help of a generative AI, such as ChatGPT, write a game in Python. You might start with a prompt such as "write a simple game in Python", then add additional game feature(s) and "add a GUI". It is not intended that you spend long writing code for this assessment; your code will only be looked at briefly to check that it is for a game. However, you should commit regular versions of your code, and make at least some use of branching and merging as you work on different features.

Submit a link to your public GitHub repository, i.e. the URL for its web page, to the KLE drop-box for this assessment.

Module Learning Outcomes:

In this assessment the following module learning outcomes will be assessed:

ILO3: Demonstrate best practices and conventions for writing clean and efficient code.

ILO4: Utilise standard software engineering tools and techniques.

Assessment Criteria:

Based on your code and activity history at the relevant deadline:
Your public GitHub repository contains your Python code for a game (25%)
You have made five (or more) commits to the repository (25%)
The commit messages are informative (25%)
The activity history shows one (or more) branch merge (25%)

(Note that 25% here equates to 5% of the total available module marks.)

Feedback to Students:

Feedback will be provided via the KLE.

Inclusive Practice:

You have flexibility in starting your work for this assessment either in your public GitHub repository or in a local Git repository. However, your submission must be a link to your public GitHub repository.

Use of Artificial Intelligence (AI):

All students can use assistive AI tools to check spelling, grammar and punctuation (i.e., use of in-built spell checkers) in all written assessments excluding examinations and class tests, unless advised otherwise.

You may use GenAI to assist you in any aspect of this assessment to co-create the assessment submission. At the top of each code file, you must acknowledge any use of GenAI. For example: "I acknowledge the use of Microsoft Copilot (version GPT-4, Microsoft, https://copilot.microsoft.com/) to create the code in this file / on lines xx to xx in this file".

Academic Misconduct:

Academic misconduct is doing something that could give you an unfair advantage in an assessment. It includes, but is not limited to, the following: plagiarism; collusion; contract cheating; cheating in an examination; falsification of data or sources; falsification of official documents or signatures. The University treats academic misconduct very seriously and penalties will be given for proven cases, including termination of studies in serious cases. It is therefore very important that you understand how to prepare and take assessments honestly. In order to assist you with this there are various resources and help available both as part of your programme of study and also centrally. For more information please visit:
https://www.keele.ac.uk/students/academiclife/appeals-complaints-conduct/studentacademicconduct/

Academic Skills Support:

The Academic and Digital Skills team provide a range of additional online resources (e.g., study guides, Sways, Podcasts, workshops etc) to help you with your academic work and assessments. You can find more information here.