Cardiff School of Computer Science and Informatics

Coursework Assessment Pro-forma

Module Code: CMT119
Module Title: Computational Thinking
Lecturer: Matthew Morgan and Martin Chorley
Assessment Title: HTML & CSS Based Assessment
Assessment Number: 1
Date Set: 14th October 2021
Submission Date and Time: by 4th November 2021 at 9:30am
Return Date: 2nd December 2021

This assignment is worth **100**% of the total marks available for this module. If coursework is submitted late (and where there are no extenuating circumstances):

1. If the assessment is submitted no later than 24 hours after the deadline, the mark for the assessment will be capped at the minimum pass mark;
2. If the assessment is submitted more than 24 hours after the deadline, a mark of 0 will be given for the assessment.

Your submission must include the official Coursework Submission Cover sheet, which can be found here:

https://docs.cs.cf.ac.uk/downloads/coursework/Coversheet.pdf

Submission Instructions

Submission will be via Learning Central. However, your webpage will also need to be hosted online via project.cs.cf.ac.uk

Description		Type	Name
Cover sheet	**Compulsory**	One PDF (.pdf) file	[student number].pdf
	Compulsory	One zip file containing all code created for the assessment	CODE_[student number].zip
	Compulsory	One plain text file (.txt/.md) containing the address of the website as hosted on project.cs.cf.ac.uk	LINK_[student number].(txt/md)

Any code submitted will be run on a system equivalent to the University provided Windows laptop and must be submitted as stipulated in the instructions above.

Any deviation from the submission instructions above (including the number and types of files submitted) will result in a reduction in marks for that question or part question of 10%.

<u>Staff reserve the right to invite students to a meeting to discuss coursework submissions</u>

Assignment

You are asked to create a static HTML and CSS website.

This website should contain at least three (3) pages, which are described below. You are free to add additional pages if you like, but you must cover the minimum contents:

1. An introductory guide to Computational Thinking. In this you should describe what you understand by Computational Thinking, and why it is important within the context of your programme of study, and your current/future career.
2. A short (300 – 400 word) biography of a famous computer scientist or someone who has influenced the field or a related field. This does not need to be long and detailed, but should provide an overview of who the person is and why they are important for Computer Science. This absolutely **must not** just be information copied and pasted from Wikipedia in any way at all.
3. A short (400 – 500 word) reflection on what you have learnt in this module, and how that will impact on your learning for the rest of your course.

This website must be hosted and available to view on project.cs.cf.ac.uk. A link to the hosted version of the page must be submitted alongside the code created as part of the assignment. Instructions for how to host webpages on project.cs.cf.ac.uk can be found here: https://docs.cs.cf.ac.uk/notes/project-web-server/

The website will be assessed on your use of HTML and CSS, and the contents of the website, but not on the visual aspects of the design. You should endeavour to write clear, concise and semantically correct HTML, and efficient and clear CSS, but it is not necessary for your page to look pretty or professional!

Learning Outcomes Assessed

1. **Decompose problems and apply computational processes to derive solutions**

   This is assessed by asking you to reflect upon what you have learnt about Computational Thinking and produce a short introductory guide explaining what you understand it to be, and how it relates to your studies and personal development.

2. **Complete fundamental programming tasks**

   This is assessed by asking you to use HTML and CSS to create a simple website.

3. **Use software development best practices**

   This is assessed by asking you to use to use HTML and CSS correctly and efficiently within your assignment, and to produce code that is hosted online.

4. **Reflect on their own learning process**

   This is assessed by asking you to reflect on what you have learnt in the module and how this will impact your learning and programme of study in future modules, as well as by explaining the relevance of Computational Thinking to your programme and personal development.

Criteria for assessment

Credit will be awarded against the following criteria.

	Fail (0-49)	**Pass (50-59)**	**Merit (60-69)**	**Distinction (70+)**
Contents of Website (up to 60%)				
Computational Thinking Guide (20%)	Computational Thinking not described, or described poorly. No effort to connect Computational Thinking to own learning or career	Basic description of Computational Thinking. Some effort made to relate Computational Thinking to wider area	Reasonable explanation of Computational Thinking Some effort made to relate Computational Thinking to wider area	Thorough explanation of Computational Thinking CT related to future learning and career
Notable Individual Biography (20%)	Biography is lacking in detail, factually incorrect, or basically just a copy/paste from wikipedia	Biography covers most details of individual, though relevance to CS may not be completely clear	Fairly well researched biography, with clear evidence of how individual is notable within CS	Well researched biography with details of relevance of individual to CS
Reflection on Learning (20%)	No effort to link learning to wider/future study	Some description of how module links to later study, but this is descriptive rather than reflective	Some reflection on how module relates to wider study and future learning, though this could be deeper	Thorough reflection on how module relates to wider study and future learning
Technical Implementation (up to 30%)				
Use of HTML & CSS (25%)	HTML structured or used incorrectly CSS inefficient and repetitive	HTML structured correctly CSS used to style elements Evidence of use of correct selectors	Semantic HTML elements used where necessary CSS rules and selectors efficient	Use of advanced HTML/CSS features not covered in course
Use of project.cs.cf.ac.uk (5%)	Website is not hosted on project.cs.cf.ac.uk or is inaccessible	Website hosted on project.cs.cf.ac.uk but there may be some broken links/errors	Website hosted on project.cs.cf.ac.uk with minor errors	Website is correctly hosted on project.cs.cf.ac.uk and all pages are accessible
Study Skills (up to 10%)				
Clarity of Writing (5%)	Little to no structure	Writing is structured	Well organised and structured	Well organised and structured

	Poor use of language	Some grammatical errors Inconsistent presentation	Minor grammatical issues Consistent presentation	No grammatical issues Excellent presentation
Referencing (5%)	No referencing or referencing poor	Referencing present but has errors	Mostly well referenced, some minor errors	References present and correct

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Feedback and suggestion for future learning

Feedback on your coursework will address the above criteria. Feedback and marks will be returned on 2nd December 2021 via email.

Feedback from this assignment will be useful for all of your future modules.