

CM1102 Web Applications

ASSESSED EXERCISE ONE

Website on an aspect of the history of computing and the Internet

Date set	Week 8, 16:10 Thursday 17 November 2016
Submission date	Week 10, 23:59 Thursday 1 December 2016
Demo date	Week 10 lab slots

This exercise is worth **5%** of the total marks available for this module.

Submission Arrangements

Submission:

- Via Learning Central, submit by Week 10, 23:59 Thursday 1 December 2016:
 - A single **.zip** archive that includes the *complete source code* of your website, with the same structure as needed for deployment on the project server, including all required assets such as images.
 - A plain text file named **readme.txt** that includes: your name, student number, e-mail address, and **the URL of the website on the project server** (If your website requires authentication, make sure you also provide the relevant credentials.)
 - The standard COMSC coursework submission coversheet:
<https://www.cs.cf.ac.uk/currentstudents/Coversheet.pdf>
- Upload your website to the submission server by the same deadline (Week 10, 23:59 Thursday 1 December 2016). No changes are allowed after this deadline.

Important: It is essential that you place your entire website in a folder named **CM1102/exercise1**, which has been created for you. You should be accessing the submission server the same way as you normally do: using SFTP protocol at websites.cs.cf.ac.uk. The websites uploaded into the **CM1102** folder will be accessible via <http://submission.cs.cf.ac.uk/<yourmailname>>.

Demonstration: During your normal lab slots in Week 10, you will need to *demonstrate* your website to a lab tutor. Demonstrations after the above deadline will not be accepted. The tutors will mark your website works according to the criteria shown at the end of this document, and will provide instant feedback. If you have any questions regarding your mark, or if you need additional feedback, please do not hesitate to discuss this with the examiner *while in the lab*.

The penalty for late or non-submission is an award of *zero marks*. You are reminded of the need to comply with Cardiff University's Student Guide to Academic Integrity.

Instructions

Using only HTML and CSS, create a website consisting of at least three web pages dedicated to either a person or a technology central to the development of computers or the Internet. If the website is about a particular person, then it should contain separate pages about:

1. Information about the person (*e.g.* his or her personal background).
2. A discussion about the technological contribution he or she has made.
3. A discussion on why this technological contribution is still relevant today.

If the website is about a technology, then it should contain separate pages about:

1. The functionality it provides: what does it do and what is it for?
2. Some of the relevant technical details.
3. An overview of its history.

The persons you can choose from are: Charles Babbage, Ada Lovelace, Konrad Zuse, John von Neumann, Grace Hopper, Mark Andreessen, and Sergei Brin. Technologies you can choose from are: Usenet, IRC, FTP and SSH, modems, and ADSL.

Each of the web pages should include a **navigational menu** that allows the user to move to each of the other pages on the website. The menu should be structured as a list.

Include a table (with at least **2 columns and 3 rows**) to provide a historical overview (*e.g.* years of birth, education, main achievements, and death if your website is about a person; **years of main developments if your website is about a technology**). Also include a **picture** such **that clicking on it brings the user to a related external page** (for example to a **Wikipedia page**).

All pages of the website must be subject to CSS styling that is controlled by an external style sheet.

Criteria for Assessment

Credit will be awarded against the criteria shown in the marking form on the next page. Feedback on your performance will address these criteria and will be instantly given by the marker on the day of the demonstration.

The full *two* marks for each item will only be awarded if the functionality or content described above is fully present. The examiner will have the discretion to award only *one* mark for an item if it is partially present or partially working, or, in the case of informative content, if it is minimal. To obtain the full mark for content there should be a clear explanation of the nature of the contribution, **aimed at a reader who has little or no prior knowledge of the subject**. At least two of the pages should include informative content **(at least three reasonable sized paragraphs per page)**. It should be written entirely or mostly in your **own words**. **References should be listed**, and any items of text quoted directly from another source must be **placed in quotes** and should be clearly acknowledged, with the details of the source.

Good luck!

ASSESSED EXERCISE ONE

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Last name:

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Student number:

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(without the initial letter)

Examiner:
(initials)

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Time:

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Criteria

Marks

0 1 2

At least three web pages of HTML code

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Navigation with a list-based menu on each page that provides access to each other page

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A table that has at least two columns and three rows, containing information relevant to the website

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An external style sheet that includes rules that at least set the font family, size and colour of text

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Informative content about a key person or a technology, including a clickable picture

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TOTAL

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 /10

To streamline the demo: Please fill in your details at the top of the marking form prior to the demonstration. The examiners will fill in the marks in this form and collect it from you.