



Practical 5 – Responsive web design

Out of 15 Marks

DUE: 2022-04-08 before 23:59

IMPORTANT NOTES:

- This is an individual micro practical.
- Practical work is based on assessment objectives.
- If an objective has been achieved a mark will be allocated.
- All micro practical activities conceptually (based on skills) feed into one or more homework assignments.
- By completing the practical work, you will learn the necessary skills to complete homework assignments.

INSTRUCTIONS:

- For this practical you will receive specific instructions that you need to follow.
- When uploading the practical homework, zip the entire project and then please upload it using the following naming convention. **Source Code:** Zip your source code files together and name it **uXXXXXXXX_PR05.zip**, where XXXXXXXX is your student number, e.g., u12345678_PR05.zip.

SUBMISSION DEADLINE: 2022-04-08 before 23:59

- There shall be no extensions to the deadline.
- If practical work submissions are uploaded too late, then upload errors WILL happen.
- Do not wait to the last minute to complete the practical assignments.
- Start working on the practical work as soon as it is published.
- Verify the completeness of your upload.
- There are multiple upload opportunities enabled if your upload is incomplete.
- Incomplete uploads will be considered unsubmitted work.
- E-mail submissions WILL NOT be accepted.
- Late submissions WILL NOT be accepted.
- **NO EXCEPTIONS WILL BE MADE FOR ANYONE.**

1. TOOLS, SKILLS, KNOWLEDGE REQUIRED:

- jQuery HTML DOM table manipulation and alteration.
- Bootstrap installation.
- Structure of page via bootstrap.
- Bootstrap components.

2. STANDARD REQUIREMENTS:

A company called 272StockExchange, our fake organisation, is interested in redesigning its website to make it responsive. You have been tasked with creating the main page that shows the description of a company, its contact details, and its historical share prices.

When you open the main page (index.html), it must look like the following.

About

Wonka Labs is an innovative studio intended to offer image design, animation, and effects for visual communications. The company's creative studio offers high-rated visuals, special expertise, and experience, and offers services such as visual asset strategy, animation, digital images, visual effects, post-production, and other similar services, enabling clients to get access to video and animation services.

Contact

[Email](#)
[Website](#)

[Tel. 012 420 0000](#)
[Maps directions](#)

Share price

Date	Opening price	Closing price
03/25/22	4522.91	4543.06
03/24/22	4469.98	4520.16
03/18/22	4407.34	4463.12
03/17/22	4345.11	4411.67
03/16/22	4288.14	4357.86
03/15/22	4188.82	4262.45
03/14/22	4202.75	4173.11
03/11/22	4279.5	4204.31
03/10/22	4252.55	4259.52

Figure 1: Screenshot of the index page on a large screen

When the same main page is viewed on a smaller screen, it must look like the following:

About

Wonka Labs is an innovative studio intended to offer image design, animation, and effects for visual communications. The company's creative studio offers high-rated visuals, special expertise, and experience, and offers services such as visual asset strategy, animation, digital images, visual effects, post-production, and other similar services, enabling clients to get access to video and animation services.

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03/24/22	4469.98	4520.16
03/18/22	4407.34	4463.12

Figure 2: Screenshot of the index page on a small screen

In the main page, there must be two cards and a table. Specifically, one card must display the description of the company, the second card must display the contact details, and the table must list the date, opening, and closing prices of shares. You must organise the elements, and items within each element, in the same fashion as the screenshot(s).

The company description and contact details will be provided to you (see `Details.txt`) and can be hard-coded in the html. The contents of the table must not be hard-coded in the html. Instead, use the provided JavaScript file that includes an array of the entries (see `data.js`) and load each of its entries into the table.

3. RESEARCH / READING REQUIREMENTS

- No additional research is required.
- All the content presented in, and / or may be found in the class example provides the knowledge and skills to complete this activity.



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Checklist	MAX
1. Requirement 1 – Installing and/or linking bootstrap	3
2. Requirement 2 – Correct use and organisation of components	6
3. Requirement 3 – Add row and associated content to table	6
TOTAL MARK ALLOCATION	15