

**Important:** This is a sample test whose purpose is to help you practise writing a test on MarkUs. It does not attempt to reflect the length or coverage of our upcoming test. For a better sense of test length, and for more practice questions, review the old tests we have posted on Quercus.

These questions are based on ones from old pencil-and-paper, closed book tests. This term, you will be able to run your code during our test, and you will have access to all your course materials. This means that we will be able to give you somewhat more challenging coding questions.

- This practice test is out of 29 marks and consists of 4 questions.
- Each question is in a separate file that you will download.
- For most questions, you will be able to add your solutions to the file directly, except for Q1 that requires you to upload an additional file.
- You may always write helper functions or methods unless asked not to.
- Docstrings and comments are not required unless asked for.
- Hand in each question as you complete it! You can hand in a revised solution later during the test if needed.