

UNIVERSITY OF TORONTO

Faculty of Arts and Science

CSC 148, Winter 2021

Duration — 120 minutes

- This test consists of 5 questions. Each question is in a separate file that you will download.
- Please submit your answer for each question using the specified filename. However, there is no penalty for submitting work with the wrong filename.
- Docstrings and comments are not required on any question.
- pyTA results will not contribute to your grade.
- Hand in each question as you complete it! You can hand in a revised solution later during the test if needed.
- Your code will be autotested using a set of hidden tests. Be sure to run the self-test on MarkUs to avoid failing all the tests due to a silly error. The self-test checks that the file was submitted and that we can run your code. (It does not check the correctness of the results.)
- There is a 10-minute grace period during which you can hand in your work with no deduction. Afterwards, there will a deduction of 1% per minute for the next 5 minutes and 5% per minute for the next 5 minutes. The **last file you submit** determines any late penalty that will be applied. The late penalty will be applied **to your whole test**.

Late policy

last file submitted	penalty on whole test
up to 10 minutes late	none
up to 11 minutes late	1%
up to 12 minutes late	2%
up to 13 minutes late	3%
up to 14 minutes late	4%
up to 15 minutes late	5%
up to 16 minutes late	10%
up to 17 minutes late	15%
up to 18 minutes late	20%
up to 19 minutes late	25%
up to 20 minutes late	30%
over 20 minutes late	not accepted

Marking Scheme

Q1 (short-answer)	_____ / 7
Q2 (short-answer)	_____ / 6
Q3 (coding)	_____ / 10
Q4 (coding)	_____ / 10
Q5 (short-answer)	_____ / 9
TOTAL	_____ / 42