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<i>Tabular data</i>	<i>Sep. 21</i>	<i>Sep. 23</i>	<i>Sep. 25</i>
– Read <a>CIT §6–6.4 – Read <a>CIT §7.1–7.3 – Assignment 3	Class 6 Tables – Slides – Notebook	Class 7 Working with tabular data – Slides – Notebook	Lab 3 Candy analysis
<i>End of Part 1</i>	<i>Sep. 28</i>	<i>Sep. 30</i>	<i>Oct. 2</i>
	Class 8 Review	Class 9 Introduction to visualization	Exam 1
Part 2: Data manipulation and analysis			
<i>Data cleaning</i>	<i>Oct. 5</i>	<i>Oct. 7</i>	<i>Oct. 9</i>
– Read <a>CIT §8.1 – Assignment 4	Class 10 Data exploration and visualization	Class 11 Data sanitizing	Lab 4 Life of a student

Designed to take 75 minutes (or less).

You actually have 120 minutes – the full lab period –
so time shouldn't be an issue.

The exam will be on paper, with the computers put away.

Help me out: Write neatly and make your final answer obvious.

During the exam you can refer to one 8½×11-inch piece of paper, double-sided, with any notes you want handwritten on it.

Preparing this sheet of notes is an excellent way to study, encouraging you to consider what's important that you'll want to refer to.

They won't be graded, but you will be asked to turn in your notes with the exam.

During the exam, feel free to ask any questions.

If something on the exam is unclear (or a mistake!),
I'll give a clarification to everyone.

If a question is about what a problem is trying to
test, I may decline to answer during the exam.

You are on your honor not to discuss the contents of the exam with anyone until everyone has taken the exam.

All of the sections of CMPU 100 are taking their exams on Friday, at different times – but there will likely be students who need to make up the exam the following week.

You are generally responsible for the material in

Lectures up to today (Sep. 28)

Labs 1–3, and

Assignments 1–3.

While Asmt 3 isn't *due* until next week, it gives you more practice with tables – I recommend working on it as part of your studying!

The textbook reading is valuable to study as well – but we won't test you on anything that's *only* in the textbook.

You should expect questions focusing on

Python expressions and their evaluation

Boolean expressions

Writing functions, including type hints, docstrings, and testing

Strings and lists – accessing elements, slicing, length, splitting a string into a list of strings

NumPy arrays, including element-wise math and **np.average**.

Higher-order functions (**map** and **filter** for lists; **.where** for tables)

Working with tables (accessing rows, columns, and individual values; sorting).

To study, you can

(Re)read the textbook, trying things in Python as you go

(Re)read the class slides and notebooks and try the practice problems without looking at the solutions

Review the example solutions we've emailed you for labs (and, soon, for assignments).

But the most useful review is working through the practice exam problems, on paper.

Practice exam:

www.cs.vassar.edu/~cs100/exams/exam1-practice.pdf

Example solutions:

www.cs.vassar.edu/~cs100/exams/exam1-practice-solns.pdf

