Content

Colab Tutorial

Assessment 1

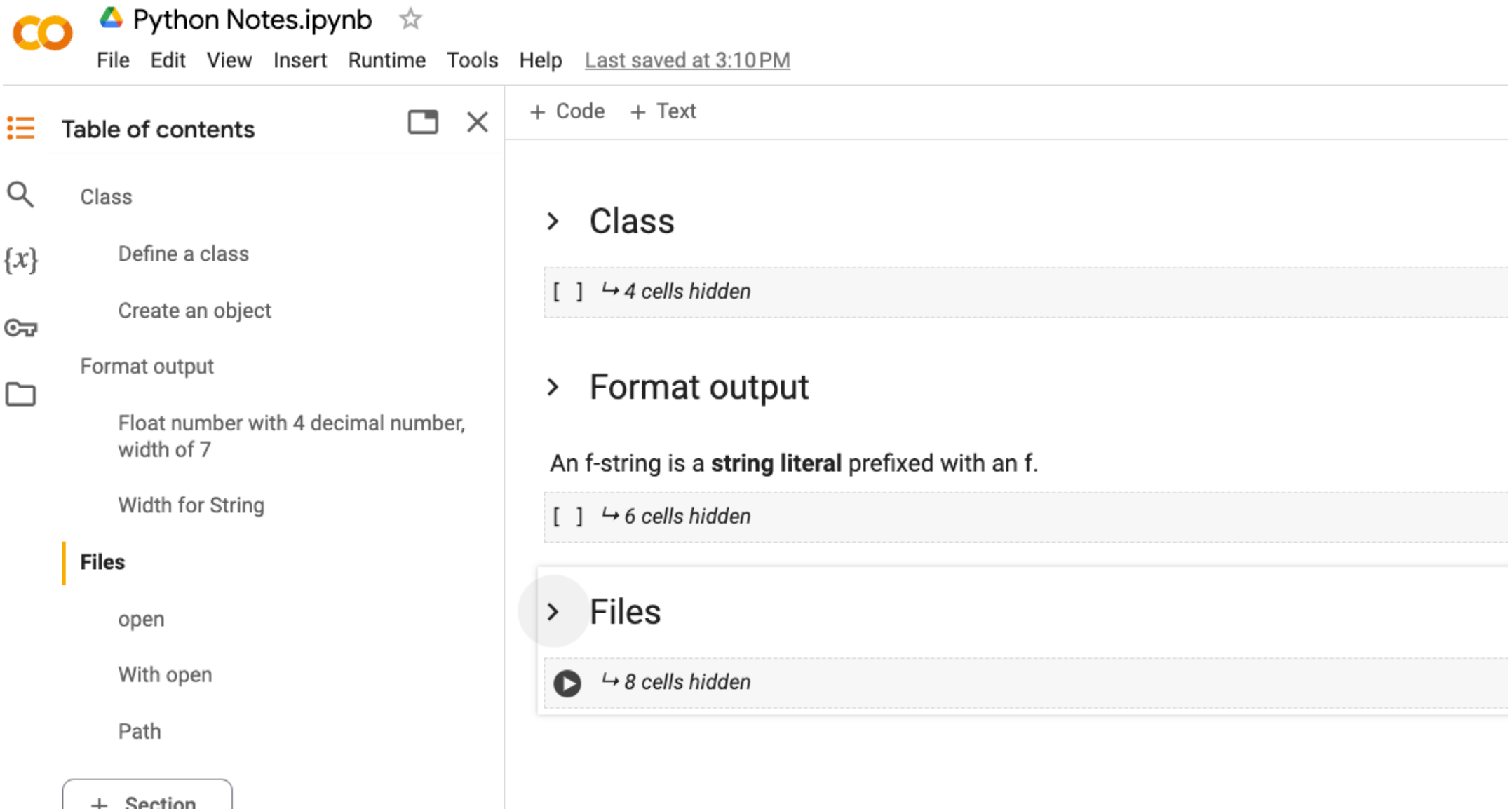
Week 1 Lab tasks

Q&A

Extended tutorial on Colab

- Create a New Colab Notebook
  - Via existing notebook (move it to folder)
  - Via Google Drive
- Editing Title
- Editing Text Cell
  - Add/delete/move cell
  - Multi-level titles (expand/fold)
  - Bold text
  - Italic
  - Bulleted list
- Code cell
  - Two ways to run it (click ►/shift+enter)
  - Stop running (kill endless loop)
  - Clear output
- Save your work
  - Run all to show outputs
  - Download ipynb
  - Save as Pdf

Practice with your Colab Notebook!


Python Notes.ipynb
File Edit View Insert Runtime Tools Help Last saved at 3:10 PM
Table of contents
Class
Define a class
Create an object
Format output
Float number with 4 decimal number, width of 7
Width for String
Files
open
With open
Path
+ Section
+ Code + Text
Class
[ ] 4 cells hidden
Format output
An f-string is a string literal prefixed with an f.
[ ] 6 cells hidden
Files
8 cells hidden

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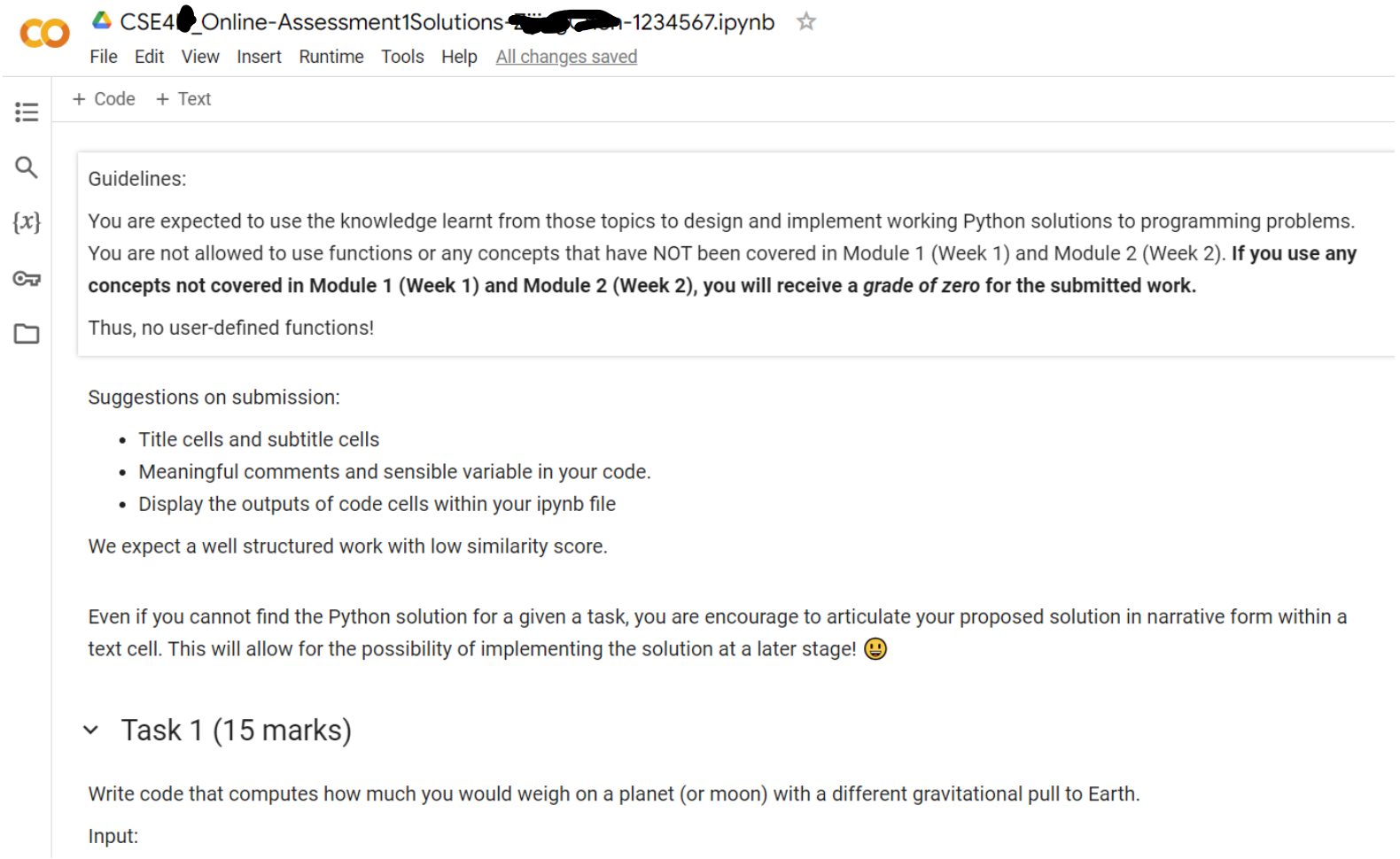
Assessment 1

Google Colab is highly recommended!

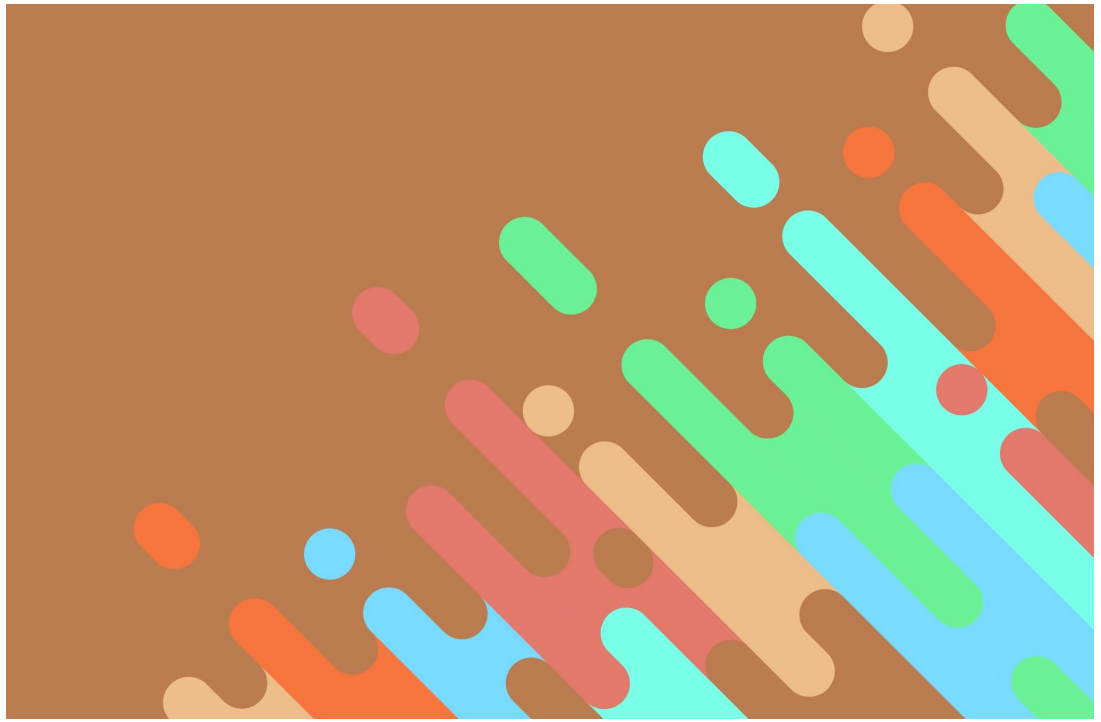
- ✓ Consolidating your solutions to 5 tasks into a single ipynb file.
- ✓ Present output from code
- ✓ Low risk of plagiarism

Example of Notebook submission :



Practice with your ipynb Submission

- Rename ipynb file to include your name & id
- Title cells and subtitle cells
- Meaningful comments and sensible variable in your code.
- Display the outputs of code cells within your ipynb file
- Download ipynb file



Check Assessment 1 Forum

- Once you've successfully submitted your work to XXX, I recommend downloading it from XXX to check its content and ensure that

1) it is the correct file and 2) it functions properly.