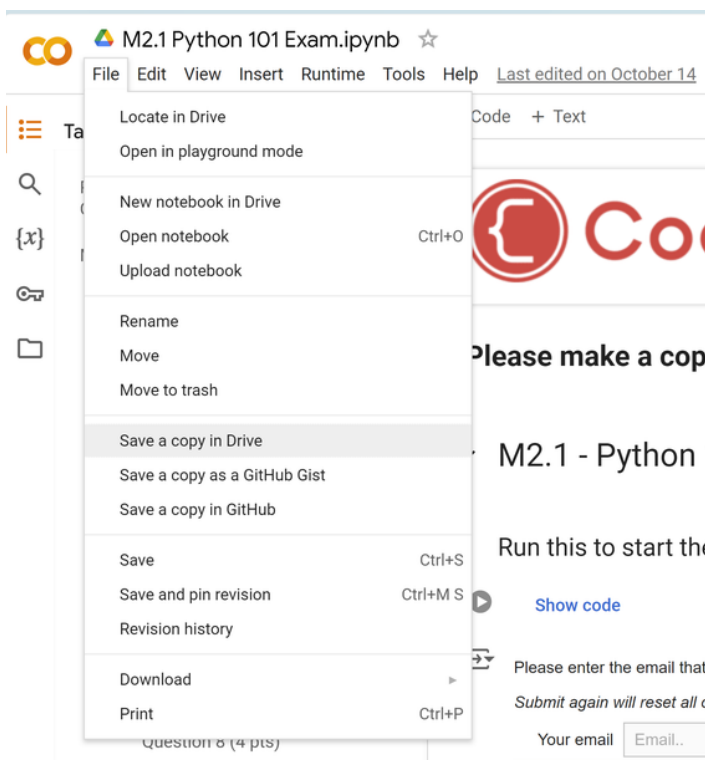




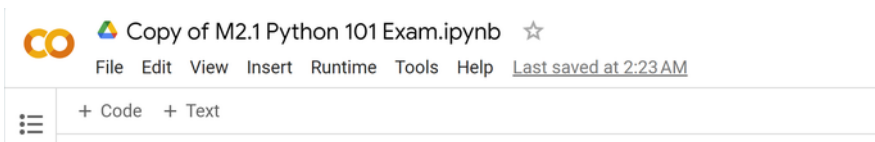
Exam Instruction

I. Getting started

1. **Open the Exam Notebook:** All exams in the course (except for M4.1) are provided as Google Colab notebooks. For exam M4.1, you just need to complete it on your own time without registering email. But you still have to submit it through **/submit** command.
2. **Make a Copy of the Exam Notebook:** Before you begin the exam, you **must** create a copy of the exam notebook. To do this:
 - In the top menu, click on **File > Save a copy in Drive**.
 - This will open a new tab with your copy of the notebook.



3. Ensure that the new notebook contains the word "Copy" in its title (e.g., "Copy of M2.1 Python 101 exam"). This confirms that you are working on your own version. You can also find this copy inside your Google Drive folder.



Once you've made the copy, you can proceed with attempting the exam in your newly saved notebook.

⚠️ **DO NOT** attempt the exam directly in the original Google Colab notebook. Any work done in the original notebook will not be saved, and your submission may be lost.

II. Attempt your exam

1. Register Email

In your copy of the exam notebook, run the first cell to generate the email registration. Then enter the email address you registered for the course with and hit Submit. This ensures that your exam submission can be tracked properly.

✓ M2.1 - Python 101 Exam

Run this to start the exam

9s

Show code

↔

Please enter the email that you used to register for the course.
Submit again will reset all of your answers and current score!

Your email

Submit

Welcome hodominhquan!

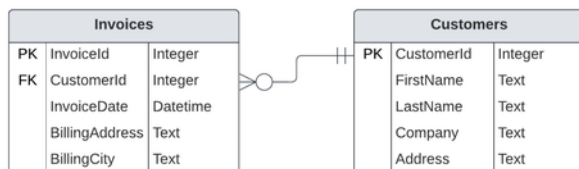
2. Submit answer

For each question, hit the run button to generate the question content and option buttons. You are required to select the most appropriate answer and submit their response accordingly using the **Submit** button. The **Reset answer** option allows you to clear your selected answers for the current question.

> Question 5 (2 pts)

Show code

↔ About the schema below, which answer is **WRONG**?



- A. A invoice must belong to a specific customer
- B. A customer must have at least 1 invoice
- C. In the Invoices Table, CustomerID is the Foreign Key
- D. In the Customers Table, CustomerID is the Primary Key

Your answer: ☒ A
☐ B
☐ C
☐ D

Submit

Reset answer

Your answer is:

A

There are four types of questions: Multiple Choice, SQL Query, Python Function, and Pandas Expression. The exam will also include specific guidelines on how to submit the answer for each type of question. Each module will have a different combination of question types.

⚠ Please read the instructions and rules carefully before submitting answers to avoid losing marks.

III. Save Submission

Run the final cell in the **Summary section** to generate your submission overview.

- Summary

0s

Run to see submission summary
submission.display_submission_summary()

Question	Your Answer
Question 1	No answer provided
Question 2	No answer provided
Question 3	No answer provided
Question 4	No answer provided

It is important that you carefully review the summary to ensure all your answers are correctly displayed, preventing any answers from being missed by the system.

Question 18	No answer provided
Question 19	No answer provided
Question 20	No answer provided

Save All

All answers saved successfully!

After reviewing, hit the `Save Submission` button to save all your answers to the system. You will then submit your Google Colab notebook through Discord via sending your notebook link to `/submit` command.

Details about submitting your exam can be found in section [2.3 Discord Homework Grading](#)