

Lab report: 10/07/2022 14:49

# CIS 261

## WK1Lab2 - Hotel Reservation

Start:

**10/07/2022 14:49**

Finish:

**10/08/2022 21:16**

Elapsed (min):

**1827.0**

Auth code:

**WGS2P6**

Status:

**Submitted**

## User Details

Email:

**jeannekolsen@gmail.com**

Username:

**7845418e3d18476d87552936d3f3d813**

# 1. Screenshot

Actioned

Item completed: 10/08/2022 21:09

Value: 0

The screenshot displays the Visual Studio Code editor with a Python file named `week_1_lab_3_Hotel_Reservation.py`. The code is a program for hotel reservations, featuring date validation and a loop for input. The interface includes the Explorer, Search, and Run and Debug toolbars at the top. The bottom status bar shows the file path `C:\Users\Administrator\PLABD...` and the commit hash `7845418e3d18476d87552936d3f3d813`. The system tray at the bottom indicates the date and time: Sunday, October 9, 2022 2:09 AM.

```
1 #Jeanne K Olsen CIS 261
2 # Week 1 Lab 3 Hotel Reservation
3
4 from datetime import datetime
5 import locale
6
7 print ("The Hotel Reservation Program\n")
8 again = "y"
9 while again.lower() == "y":
10     while True:
11         date_str = input("Enter arrival date (YYYY-MM-DD): ")
12         try:
13             arrival_date = datetime.strptime(date_str, "%Y-%m-%d")
14         except ValueError:
15             print ("Invalid date format. Please try again. ")
16             print ()
17             continue #skips next if statement and re-starts loop
18         #strip non-zero time values from datetime object
19         now = datetime.now()
20         today = datetime(now.year, now.month, now.day)
21         if arrival_date < today:
22             print ("Arrival date must be in the future. Try again.")
23             print ()
24         else:
25             break
26     # Get Departure Date
27     while True:
28         date_str = input("Enter departure date (YYYY-MM-DD) : ")
29         try:
30             departure_date = datetime.strptime (date_str, "%Y-%m-%d")
31         except ValueError:
32             print ("Invalid date format. Please try again.")
33             print ()
34             continue #skips next if statement and re-starts loop
35
36     if departure_date <= arrival_date:
37         print("Departure date must be after arrival date.")
38         print ("Please try again\n")
```

Git Changes - week-1-lab-3-Hotel-Reservation

Successfully pushed to origin/master.  
Create a Pull Request.

master

0 outgoing / 0 incoming

Enter a message <Required>

Commit All Amend

Changes (1)

C:\Users\Administrator\PLABD...  
week\_1\_lab\_3\_Hotel\_Reserv... M

Stashes

Solution Explorer Git Changes

Properties

7845418e3d18476d87552936d3f3d813

PLABDBSRV Hotel-Reservation master

Sunday, October 9, 2022 2:09 AM

## 2. Screenshot

Actioned

Item completed: 10/08/2022 21:09

Value: 0

The screenshot displays the Visual Studio Code interface. The main editor window shows a Python file named `week_1_lab_3_Hotel_Reservation.py`. The code implements a reservation system with the following logic:

- Input Validation:** A `try` block attempts to parse the `date_str` into a `datetime` object using the format `"%Y-%m-%d"`. If a `ValueError` occurs, it prints an error message and prompts the user to try again.
- High Season Check:** If the arrival date is in the 8th month, the rate is set to 105.0, and a message "(High Season)" is added to the rate message.
- Calculation:** The total number of nights is calculated as `(departure_date - arrival_date).days`, and the total cost is `rate * total_nights`.
- Output:** The program prints the arrival date, departure date, nightly rate (formatted with currency), total nights, and total price (formatted with currency).
- User Interaction:** It asks the user if they want to continue (y/n) and prints "Bye!" when finished.

The right sidebar shows the Git Changes panel for the repository `week-1-lab-3-Hotel-Reservation`. It indicates a successful push to `origin/master` and provides options to create a pull request, commit, or amend. The commit message field is empty, and the commit button is visible.

The bottom status bar shows the file encoding as `SPC` and line endings as `CRLF`. The system tray at the bottom indicates the date and time: **Sunday, October 9, 2022 2:09 AM**.

### 3. Screenshot

#### Not actioned

Item completed: -

Value: 0

**Error : Image not taken**

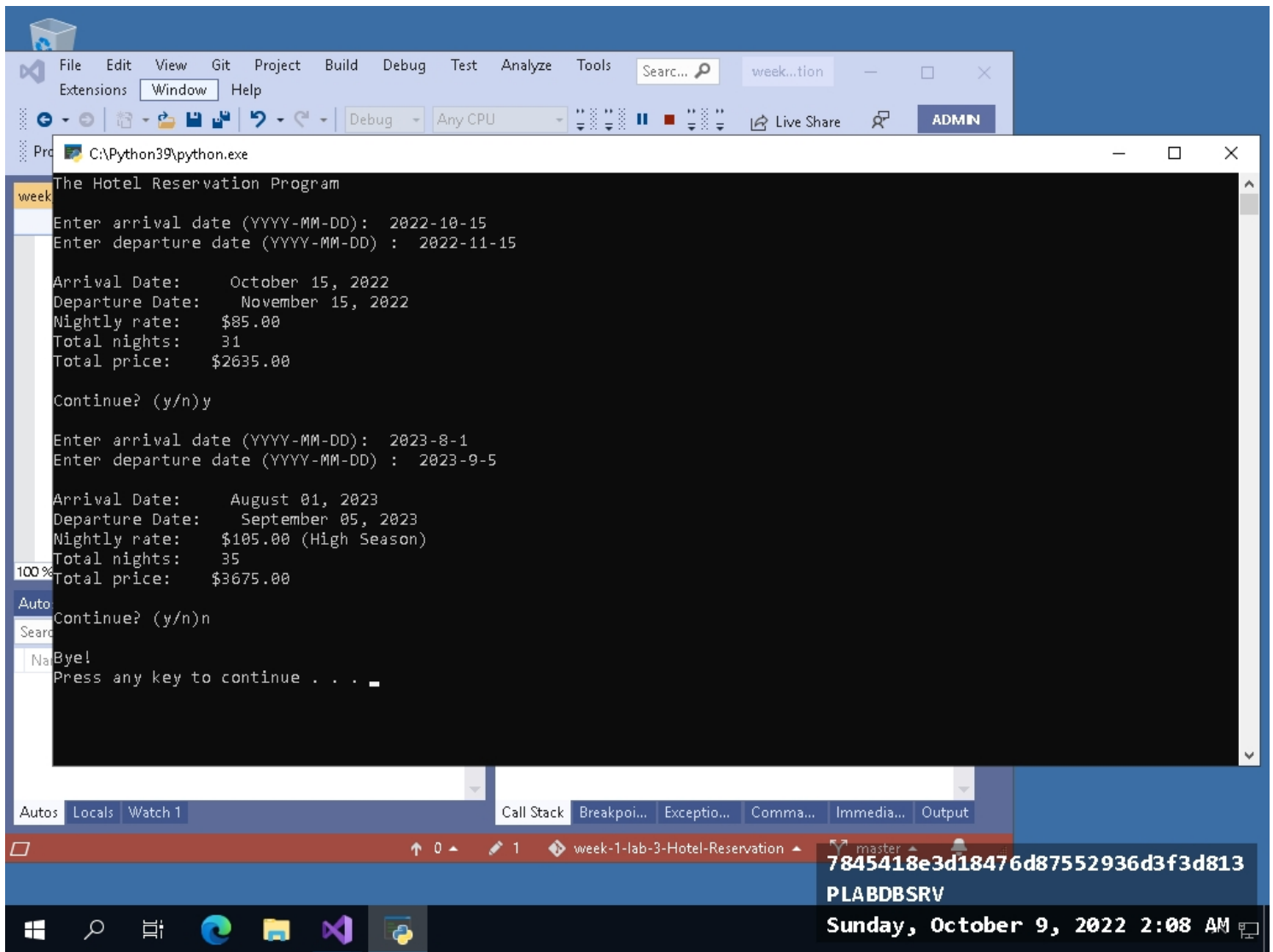
---

## 4. Screenshot

Actioned

Item completed: **10/08/2022 21:08**

Value: **0**



```
The Hotel Reservation Program
Enter arrival date (YYYY-MM-DD): 2022-10-15
Enter departure date (YYYY-MM-DD) : 2022-11-15

Arrival Date:    October 15, 2022
Departure Date:  November 15, 2022
Nightly rate:    $85.00
Total nights:    31
Total price:     $2635.00

Continue? (y/n)y

Enter arrival date (YYYY-MM-DD): 2023-8-1
Enter departure date (YYYY-MM-DD) : 2023-9-5

Arrival Date:    August 01, 2023
Departure Date:   September 05, 2023
Nightly rate:    $105.00 (High Season)
Total nights:    35
Total price:     $3675.00

Continue? (y/n)n

Bye!
Press any key to continue . . .
```

## 5. Screenshot

Actioned

Item completed: 10/08/2022 21:13

Value: 0

The screenshot shows the GitHub homepage with a modal for creating a new repository. The modal is titled 'Start a new repository' and contains the following text: 'A repository contains all of your project's files, revision history, and collaborator discussion.' Below this, there is a text input field with the placeholder 'name your new repository...'. There are two radio button options: 'Public' (with a lock icon) and 'Private' (with a lock icon). The 'Private' option is selected. At the bottom of the modal is a green button labeled 'Create a new repository'. The background shows the GitHub homepage with the header 'The home for all developers you.' and a sidebar with 'Recent Repositories' and 'Recent activity'. A 'Universe 2022' banner is visible on the right. The bottom of the screen shows a Windows taskbar with the date and time 'Sunday, October 9, 2022 2:13 AM'.

Recent Repositories

- Find a repository
- mnbikerchick/StringsAndDates1 (Private)
- mnbikerchick/3-Hotel
- mnbikerchick/StringsAndDates1
- mnbikerchick/CIS261Course-Project
- mnbikerchick/CIS110-Course-Project
- mnbikerchick/Pizza-Ordering-Chatbot
- mnbikerchick/StringsAndDates1

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

The home for all developers you.

Start writing code

Start a new repository

A repository contains all of your project's files, revision history, and collaborator discussion.

mnbikerchick / name your new repository...

☐ Public  
Anyone on the internet can see this repository

☒ Private  
You choose who can see and commit to this repository

Create a new repository

Universe 2022

Let's build from here

Join the global developer event for cloud, security, community, and AI.

Register today and get a 20% off early bird discount.

Register now

Latest changes

- Yesterday  
New enterprise policies for code security
- Yesterday  
Visibility settings for individual Achievements
- Yesterday  
Audit Log Streaming to Datadog is generally available
- 2 days ago  
PLABDBSRV

Introduce yourself with a profile README

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Sunday, October 9, 2022 2:13 AM

## 6. Text area

Actioned

Item completed: **10/08/2022 21:15**

Value: **1**

Answer:

**calling up fuctions for current dates. Getting better at debugging code and finding mistakes faster**

 **PASS**

---

Score : 1 out of 1 (100%)