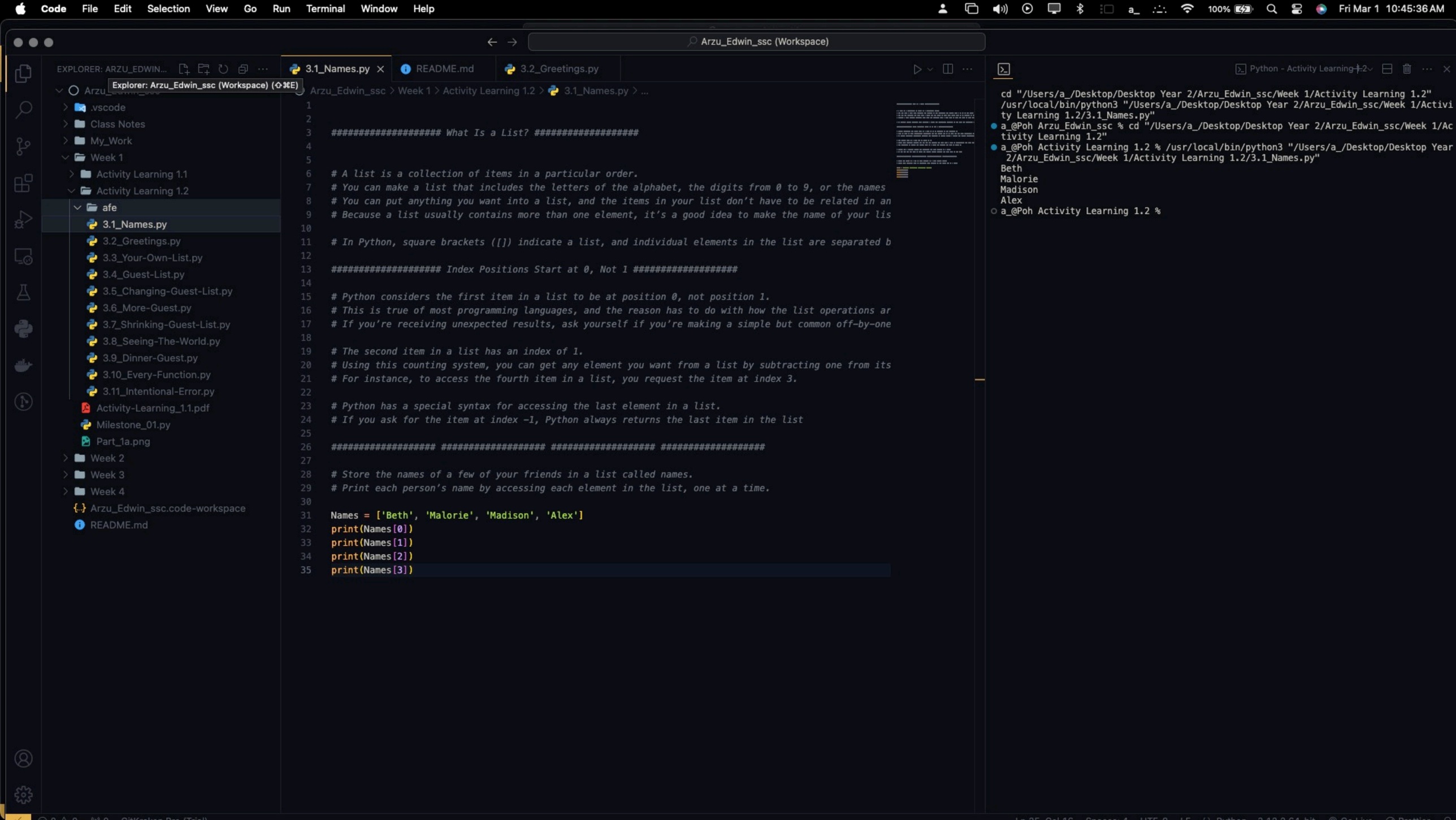
Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 10:45:36 AM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Explorer: Arzu_Edwin_ssc (Workspace) (⇧⌘E)
.vscode
Class Notes
My_Work
Week 1
Activity Learning 1.1
Activity Learning 1.2
afe
3.1_Names.py
3.2_Greetings.py
3.3_Your-Own-List.py
3.4_Guest-List.py
3.5_Changing-Guest-List.py
3.6_More-Guest.py
3.7_Shrinking-Guest-List.py
3.8_Seeing-The-World.py
3.9_Dinner-Guest.py
3.10_Every-Function.py
3.11_Intentional-Error.py
Activity-Learning_1.1.pdf
Milestone_01.py
Part_1a.png
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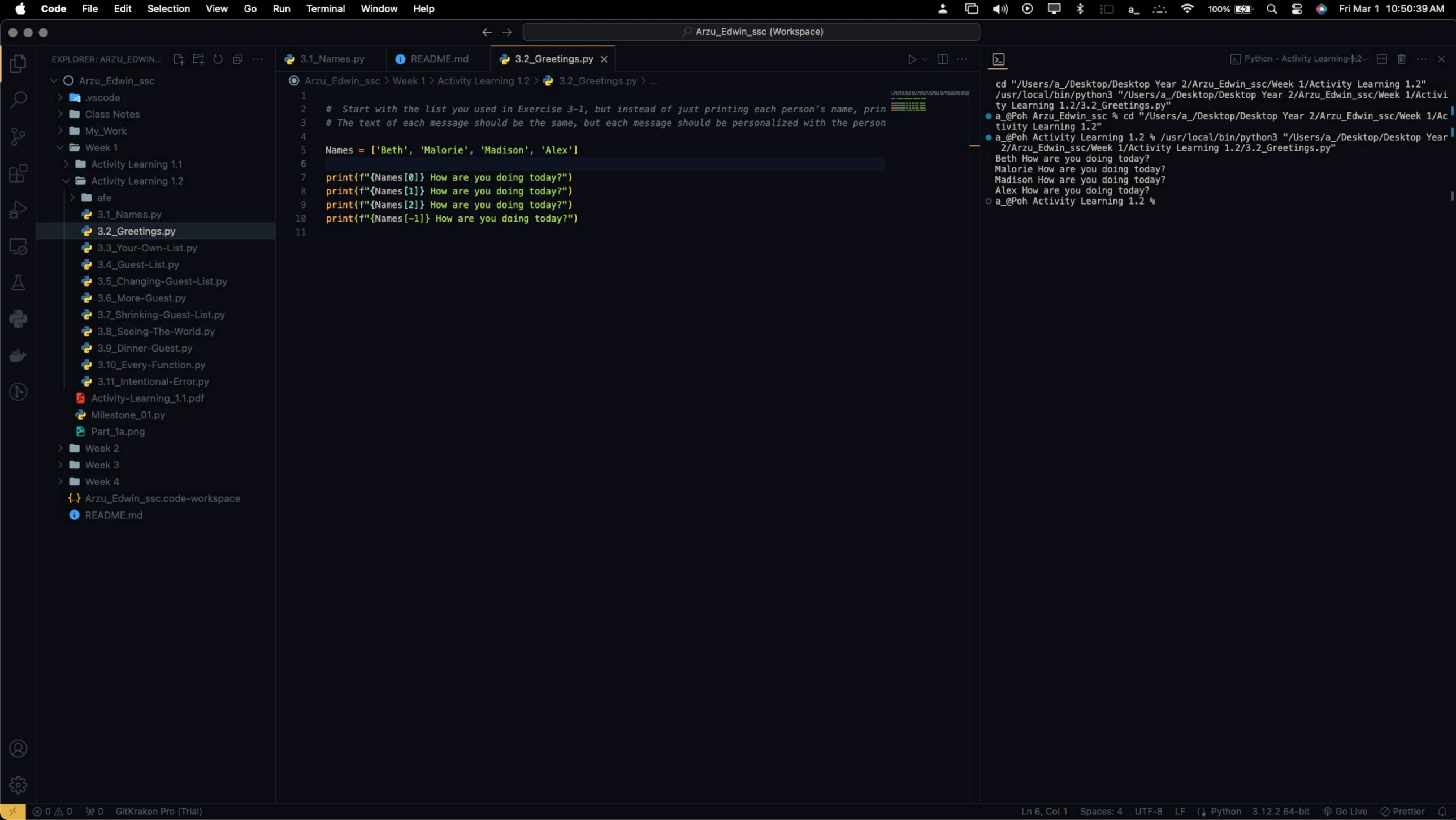
Arzu_Edwin_ssc.code-workspace
README.md
3.1_Names.py
README.md
3.2_Greetings.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.1_Names.py > ...
1
2
3 ################### What Is a List? ###################
4
5
6 # A list is a collection of items in a particular order.
7 # You can make a list that includes the letters of the alphabet, the digits from 0 to 9, or the names
8 # You can put anything you want into a list, and the items in your list don't have to be related in an
9 # Because a list usually contains more than one element, it's a good idea to make the name of your lis
10
11 # In Python, square brackets ([]) indicate a list, and individual elements in the list are separated b
12
13 ################### Index Positions Start at 0, Not 1 ###################
14
15 # Python considers the first item in a list to be at position 0, not position 1.
16 # This is true of most programming languages, and the reason has to do with how the list operations ar
17 # If you're receiving unexpected results, ask yourself if you're making a simple but common off-by-one
18
19 # The second item in a list has an index of 1.
20 # Using this counting system, you can get any element you want from a list by subtracting one from its
21 # For instance, to access the fourth item in a list, you request the item at index 3.
22
23 # Python has a special syntax for accessing the last element in a list.
24 # If you ask for the item at index -1, Python always returns the last item in the list
25
26 ################## ################## ################## ##################
27
28 # Store the names of a few of your friends in a list called names.
29 # Print each person's name by accessing each element in the list, one at a time.
30
31 Names = ['Beth', 'Malorie', 'Madison', 'Alex']
32 print(Names[0])
33 print(Names[1])
34 print(Names[2])
35 print(Names[3])
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activi
ty Learning 1.2/3.1_Names.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Ac
tivity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year
2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.1_Names.py"
Beth
Malorie
Madison
Alex
a_@Poh Activity Learning 1.2 %


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 10:50:39 AM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
.vscode
Class Notes
My_Work
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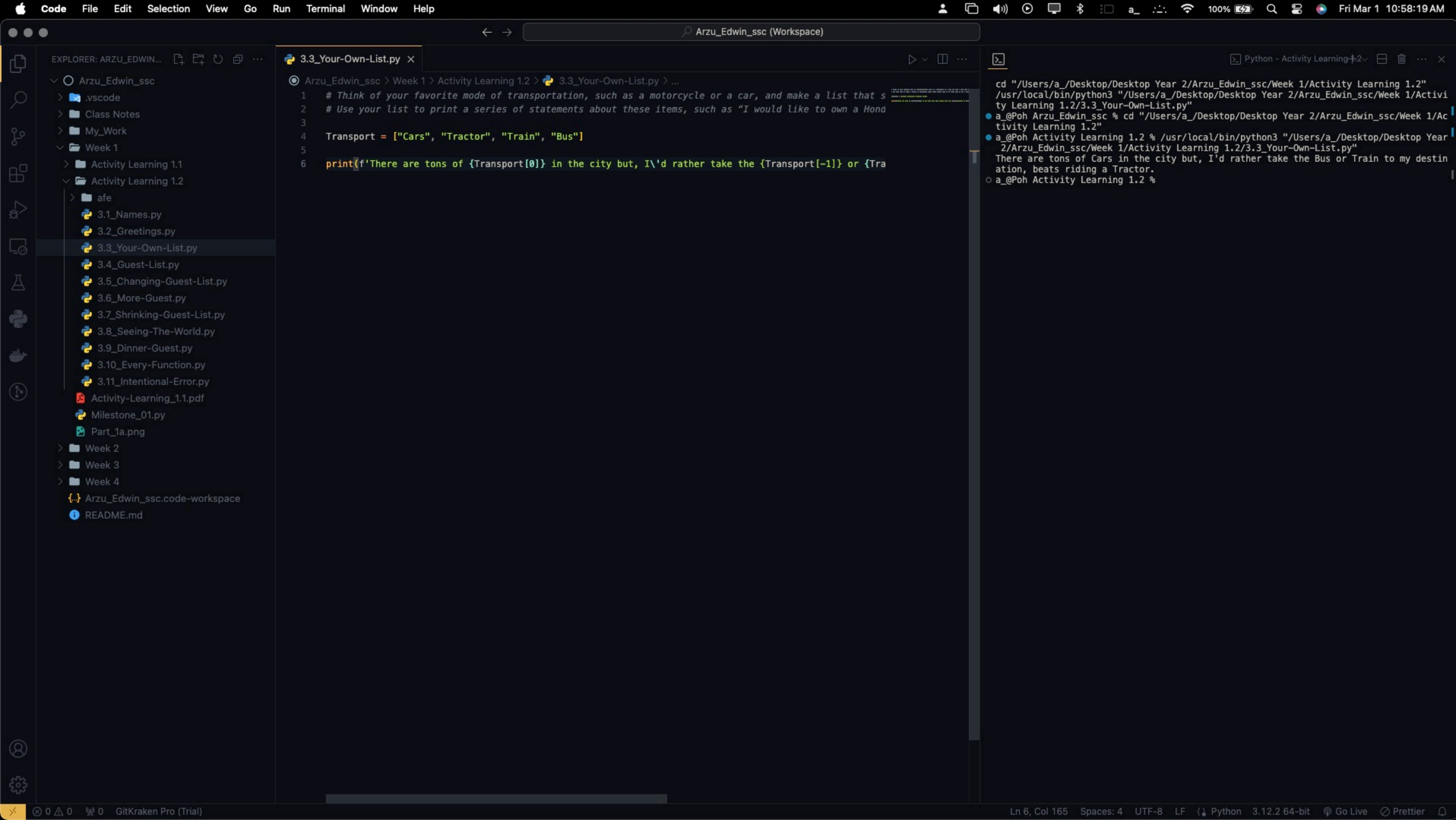
README.md
3.2_Greetings.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.2_Greetings.py > ...
# Start with the list you used in Exercise 3-1, but instead of just printing each person's name, prin
# The text of each message should be the same, but each message should be personalized with the person
Names = ['Beth', 'Malorie', 'Madison', 'Alex']
print(f"{Names[0]} How are you doing today?")
print(f"{Names[1]} How are you doing today?")
print(f"{Names[2]} How are you doing today?")
print(f"{Names[-1]} How are you doing today?")
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.2_Greetings.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.2_Greetings.py"
Beth How are you doing today?
Malorie How are you doing today?
Madison How are you doing today?
Alex How are you doing today?
a_@Poh Activity Learning 1.2 %
0 0 0 GitKraken Pro (Trial)
Ln 6, Col 1 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 10:58:19 AM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
.vscode
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My_Work
Week 1
Activity Learning 1.1
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3.1_Names.py
3.2_Greetings.py
3.3_Your-Own-List.py
3.4_Guest-List.py
3.5_Changing-Guest-List.py
3.6_More-Guest.py
3.7_Shrinking-Guest-List.py
3.8_Seeing-The-World.py
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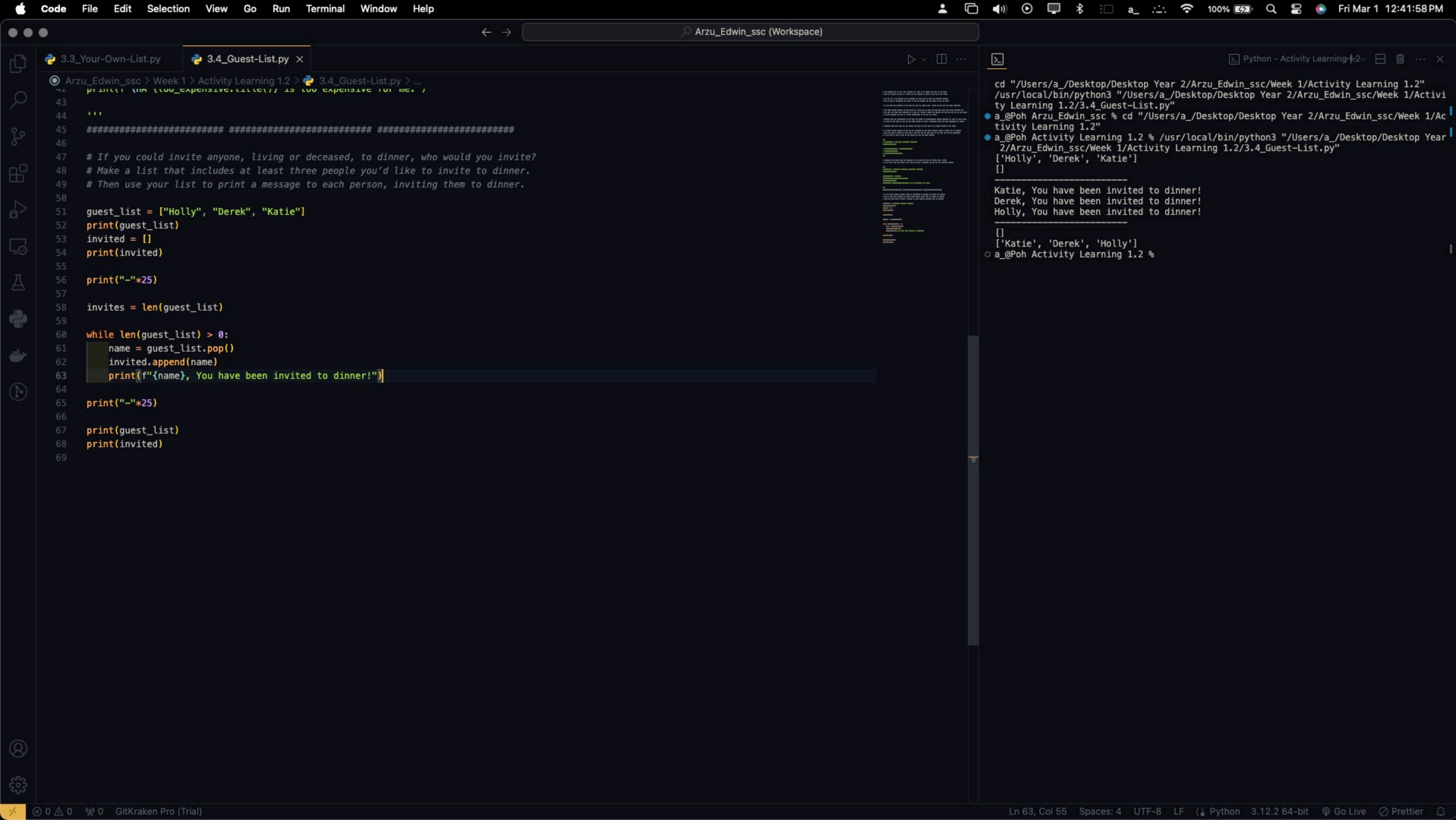
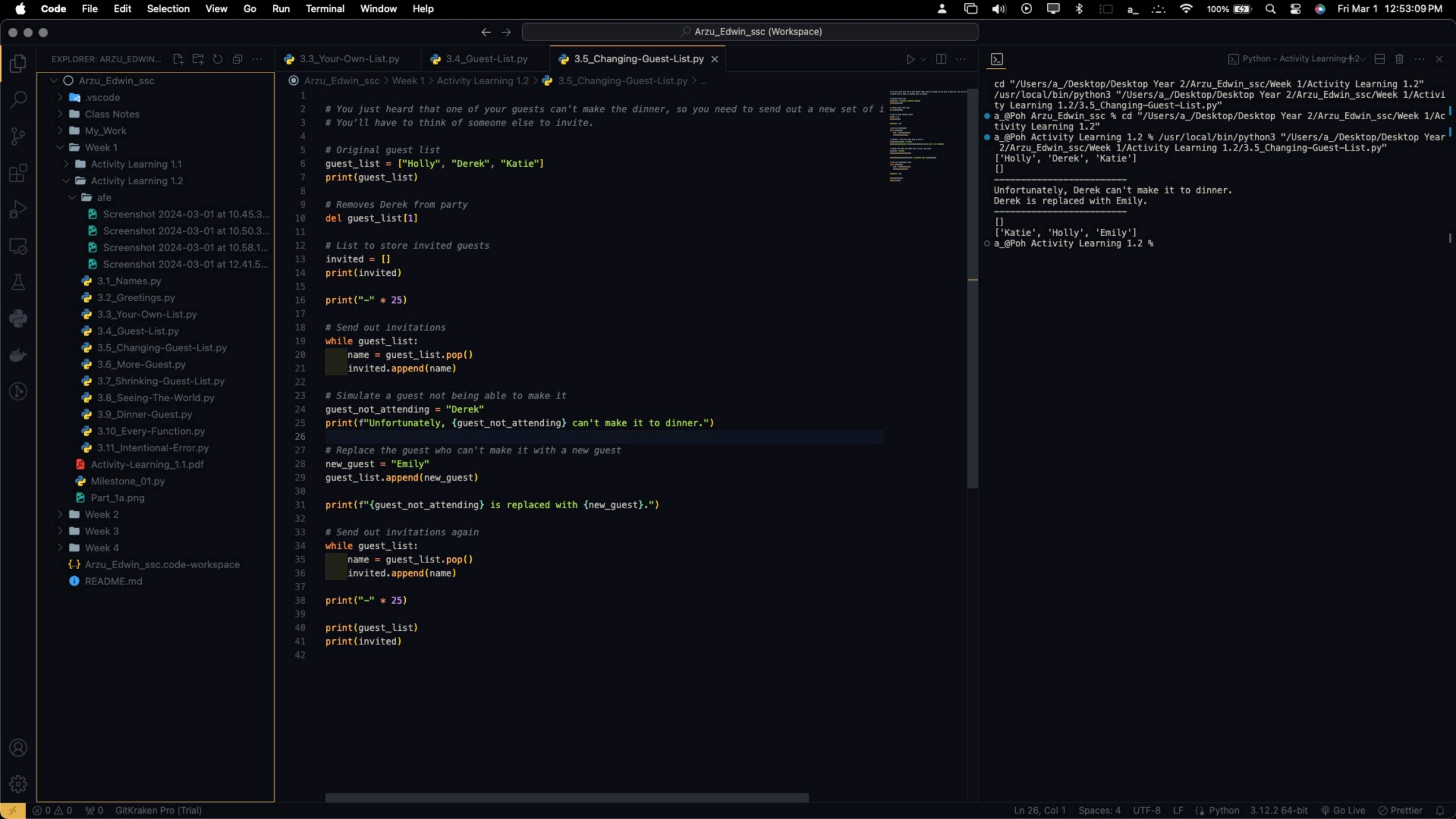
Arzu_Edwin_ssc.code-workspace
README.md
3.3_Your-Own-List.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.3_Your-Own-List.py > ...
# Think of your favorite mode of transportation, such as a motorcycle or a car, and make a list that s
# Use your list to print a series of statements about these items, such as "I would like to own a Hond
Transport = ["Cars", "Tractor", "Train", "Bus"]
print(f'There are tons of {Transport[0]} in the city but, I\'d rather take the {Transport[-1]} or {Tra
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.3_Your-Own-List.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.3_Your-Own-List.py"
There are tons of Cars in the city but, I'd rather take the Bus or Train to my destination, beats riding a Tractor.
a_@Poh Activity Learning 1.2 %
0 0 0 GitKraken Pro (Trial)
Ln 6, Col 165 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 12:41:58 PM
Arzu_Edwin_ssc (Workspace)
3.3_Your-Own-List.py
3.4_Guest-List.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.4_Guest-List.py > ...
'''
########################## ########################## ##########################
# If you could invite anyone, living or deceased, to dinner, who would you invite?
# Make a list that includes at least three people you'd like to invite to dinner.
# Then use your list to print a message to each person, inviting them to dinner.
guest_list = ["Holly", "Derek", "Katie"]
print(guest_list)
invited = []
print(invited)
print("-"*25)
invites = len(guest_list)
while len(guest_list) > 0:
name = guest_list.pop()
invited.append(name)
print(f"{name}, You have been invited to dinner!")
print("-"*25)
print(guest_list)
print(invited)
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.4_Guest-List.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.4_Guest-List.py"
['Holly', 'Derek', 'Katie']
[]
Katie, You have been invited to dinner!
Derek, You have been invited to dinner!
Holly, You have been invited to dinner!
[]
['Katie', 'Derek', 'Holly']
a_@Poh Activity Learning 1.2 %
GitKraken Pro (Trial)
Ln 63, Col 55 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 12:53:09 PM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
.vscode
Class Notes
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Screenshot 2024-03-01 at 10.45.3...
Screenshot 2024-03-01 at 10.50.3...
Screenshot 2024-03-01 at 10.58.1...
Screenshot 2024-03-01 at 12.41.5...
3.1_Names.py
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3.6_More-Guest.py
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3.8_Seeing-The-World.py
3.9_Dinner-Guest.py
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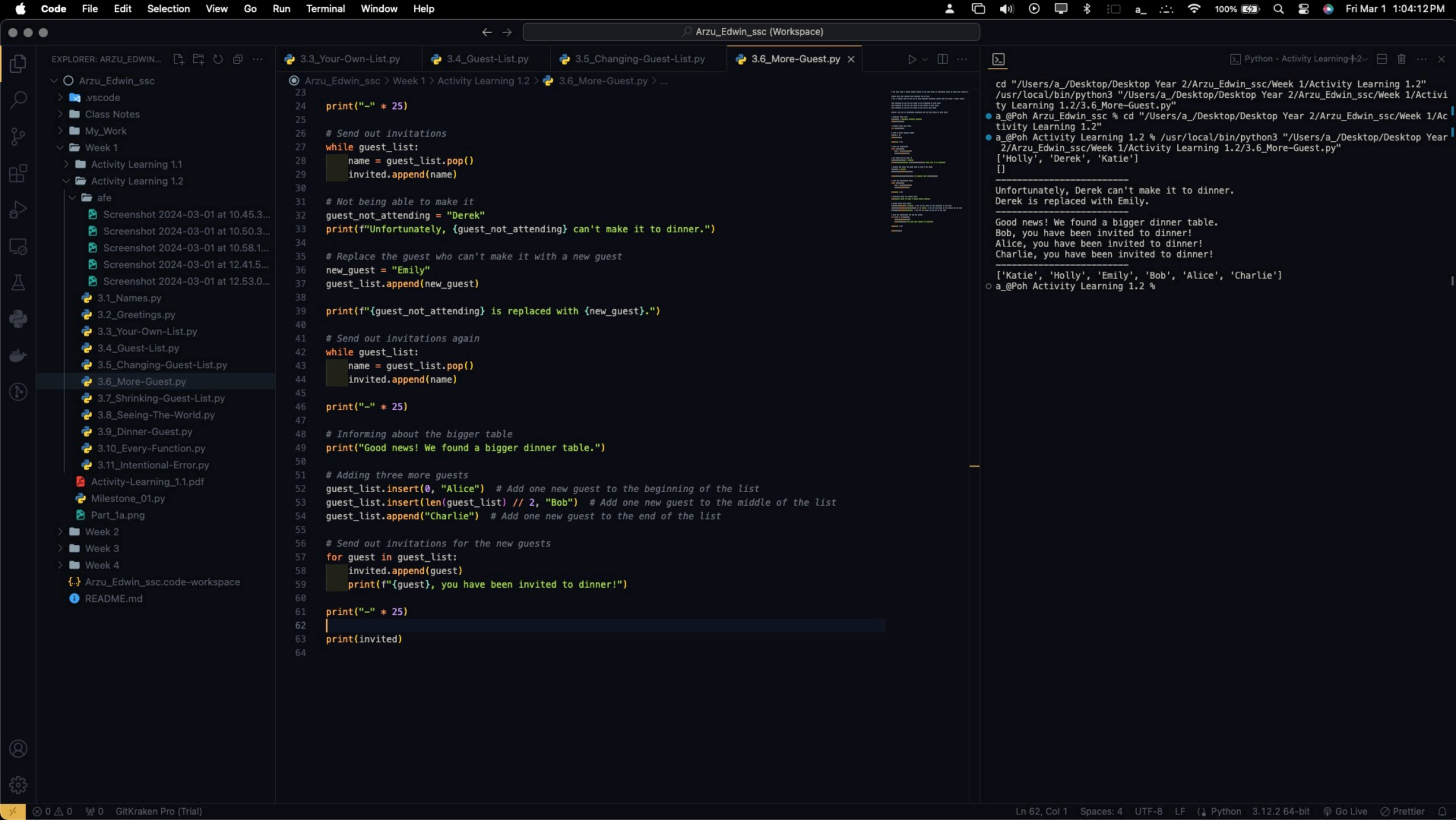
3.4_Guest-List.py
3.5_Changing-Guest-List.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.5_Changing-Guest-List.py > ...
# You just heard that one of your guests can't make the dinner, so you need to send out a new set of i
# You'll have to think of someone else to invite.
# Original guest list
guest_list = ["Holly", "Derek", "Katie"]
print(guest_list)
# Removes Derek from party
del guest_list[1]
# List to store invited guests
invited = []
print(invited)
print("-" * 25)
# Send out invitations
while guest_list:
name = guest_list.pop()
invited.append(name)
# Simulate a guest not being able to make it
guest_not_attending = "Derek"
print(f"Unfortunately, {guest_not_attending} can't make it to dinner.")
# Replace the guest who can't make it with a new guest
new_guest = "Emily"
guest_list.append(new_guest)
print(f"{guest_not_attending} is replaced with {new_guest}.")
# Send out invitations again
while guest_list:
name = guest_list.pop()
invited.append(name)
print("-" * 25)
print(guest_list)
print(invited)
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.5_Changing-Guest-List.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.5_Changing-Guest-List.py"
['Holly', 'Derek', 'Katie']
[]
Unfortunately, Derek can't make it to dinner.
Derek is replaced with Emily.
[]
['Katie', 'Holly', 'Emily']
a_@Poh Activity Learning 1.2 %
0 0 0 GitKraken Pro (Trial)
Ln 26, Col 1 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 1:04:12 PM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
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Screenshot 2024-03-01 at 10.50.3...
Screenshot 2024-03-01 at 10.58.1...
Screenshot 2024-03-01 at 12.41.5...
Screenshot 2024-03-01 at 12.53.0...
3.1_Names.py
3.2_Greetings.py
3.3_Your-Own-List.py
3.4_Guest-List.py
3.5_Changing-Guest-List.py
3.6_More-Guest.py
3.7_Shrinking-Guest-List.py
3.8_Seeing-The-World.py
3.9_Dinner-Guest.py
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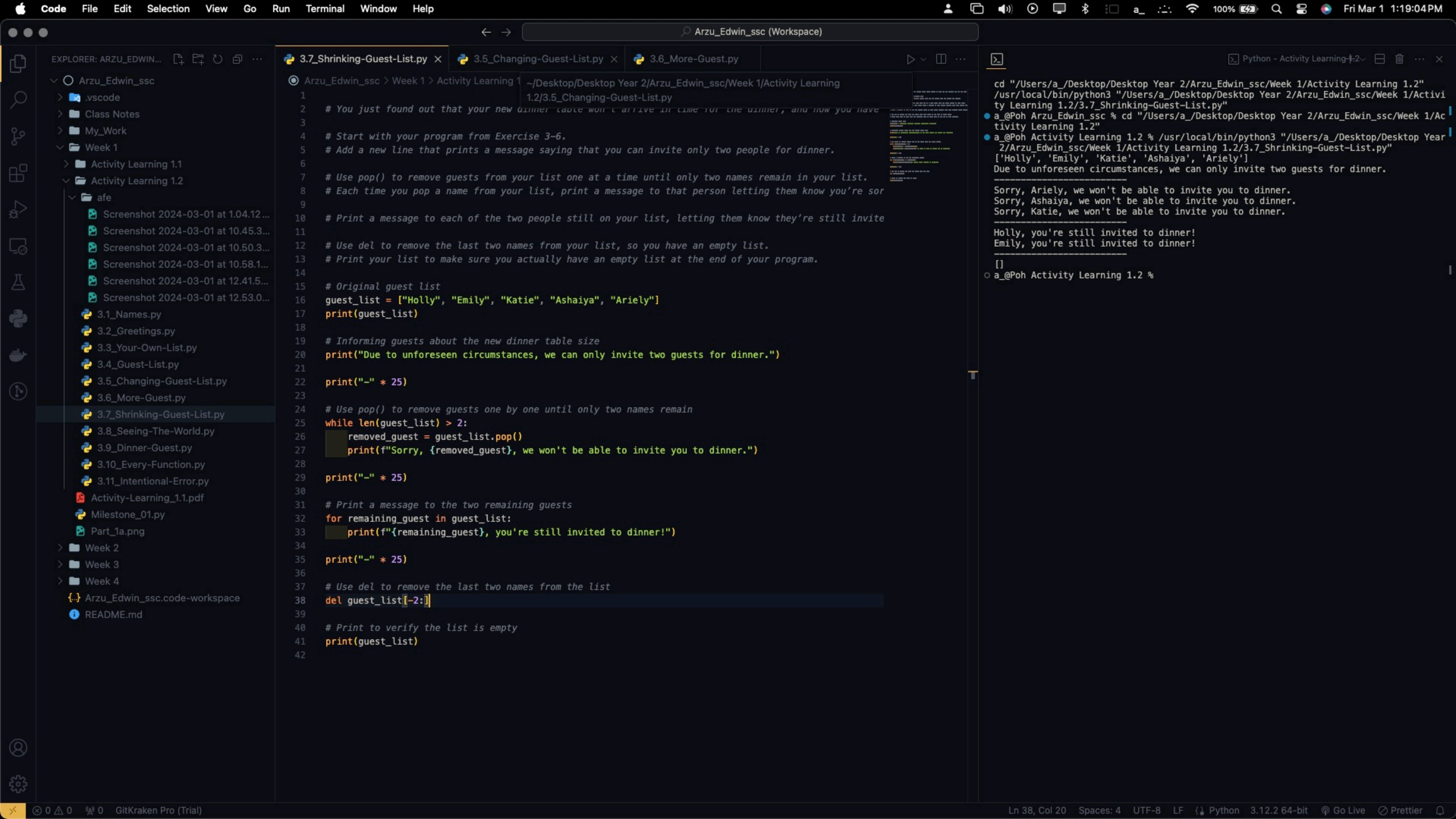
3.4_Guest-List.py
3.5_Changing-Guest-List.py
3.6_More-Guest.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.6_More-Guest.py > ...
print("-" * 25)
# Send out invitations
while guest_list:
name = guest_list.pop()
invited.append(name)
# Not being able to make it
guest_not_attending = "Derek"
print(f"Unfortunately, {guest_not_attending} can't make it to dinner.")
# Replace the guest who can't make it with a new guest
new_guest = "Emily"
guest_list.append(new_guest)
print(f"{guest_not_attending} is replaced with {new_guest}.")
# Send out invitations again
while guest_list:
name = guest_list.pop()
invited.append(name)
print("-" * 25)
# Informing about the bigger table
print("Good news! We found a bigger dinner table.")
# Adding three more guests
guest_list.insert(0, "Alice")  # Add one new guest to the beginning of the list
guest_list.insert(len(guest_list) // 2, "Bob")  # Add one new guest to the middle of the list
guest_list.append("Charlie")  # Add one new guest to the end of the list
# Send out invitations for the new guests
for guest in guest_list:
invited.append(guest)
print(f"{guest}, you have been invited to dinner!")
print("-" * 25)
print(invited)
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.6_More-Guest.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.6_More-Guest.py"
['Holly', 'Derek', 'Katie']
[]
Unfortunately, Derek can't make it to dinner.
Derek is replaced with Emily.
Good news! We found a bigger dinner table.
Bob, you have been invited to dinner!
Alice, you have been invited to dinner!
Charlie, you have been invited to dinner!
['Katie', 'Holly', 'Emily', 'Bob', 'Alice', 'Charlie']
a_@Poh Activity Learning 1.2 %
GitKraken Pro (Trial)
Ln 62, Col 1 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 1:19:04 PM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
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Screenshot 2024-03-01 at 10.45.3...
Screenshot 2024-03-01 at 10.50.3...
Screenshot 2024-03-01 at 10.58.1...
Screenshot 2024-03-01 at 12.41.5...
Screenshot 2024-03-01 at 12.53.0...
3.1_Names.py
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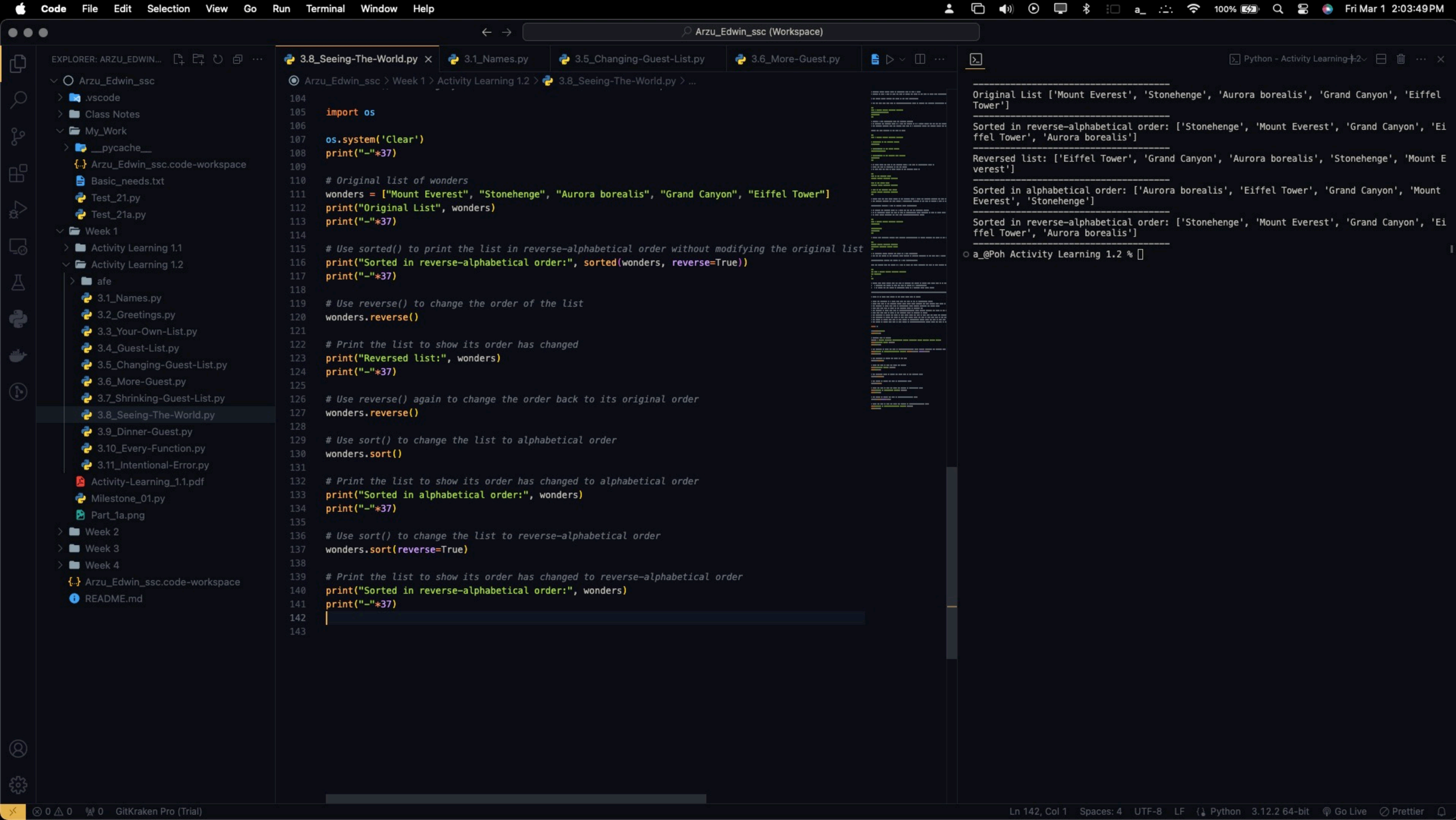
3.5_Changing-Guest-List.py
3.6_More-Guest.py
Arzu_Edwin_ssc > Week 1 > Activity Learning 1
~/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.5_Changing-Guest-List.py
# You just found out that your new dinner table won't arrive in time for the dinner, and now you have
# Start with your program from Exercise 3-6.
# Add a new line that prints a message saying that you can invite only two people for dinner.
# Use pop() to remove guests from your list one at a time until only two names remain in your list.
# Each time you pop a name from your list, print a message to that person letting them know you're sor
# Print a message to each of the two people still on your list, letting them know they're still invite
# Use del to remove the last two names from your list, so you have an empty list.
# Print your list to make sure you actually have an empty list at the end of your program.
# Original guest list
guest_list = ["Holly", "Emily", "Katie", "Ashaiya", "Ariely"]
print(guest_list)
# Informing guests about the new dinner table size
print("Due to unforeseen circumstances, we can only invite two guests for dinner.")
print("-" * 25)
# Use pop() to remove guests one by one until only two names remain
while len(guest_list) > 2:
removed_guest = guest_list.pop()
print(f"Sorry, {removed_guest}, we won't be able to invite you to dinner.")
print("-" * 25)
# Print a message to the two remaining guests
for remaining_guest in guest_list:
print(f"{remaining_guest}, you're still invited to dinner!")
print("-" * 25)
# Use del to remove the last two names from the list
del guest_list[-2:]
# Print to verify the list is empty
print(guest_list)
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.7_Shrinking-Guest-List.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.7_Shrinking-Guest-List.py"
['Holly', 'Emily', 'Katie', 'Ashaiya', 'Ariely']
Due to unforeseen circumstances, we can only invite two guests for dinner.
Sorry, Ariely, we won't be able to invite you to dinner.
Sorry, Ashaiya, we won't be able to invite you to dinner.
Sorry, Katie, we won't be able to invite you to dinner.
Holly, you're still invited to dinner!
Emily, you're still invited to dinner!
[]
a_@Poh Activity Learning 1.2 %
Ln 38, Col 20 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier
GitKraken Pro (Trial)


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 2:03:49 PM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
.vscode
Class Notes
My_Work
__pycache__
Arzu_Edwin_ssc.code-workspace
Basic_needs.txt
Test_21.py
Test_21a.py
Week 1
Activity Learning 1.1
Activity Learning 1.2
afe
3.1_Names.py
3.2_Greetings.py
3.3_Your-Own-List.py
3.4_Guest-List.py
3.5_Changing-Guest-List.py
3.6_More-Guest.py
3.7_Shrinking-Guest-List.py
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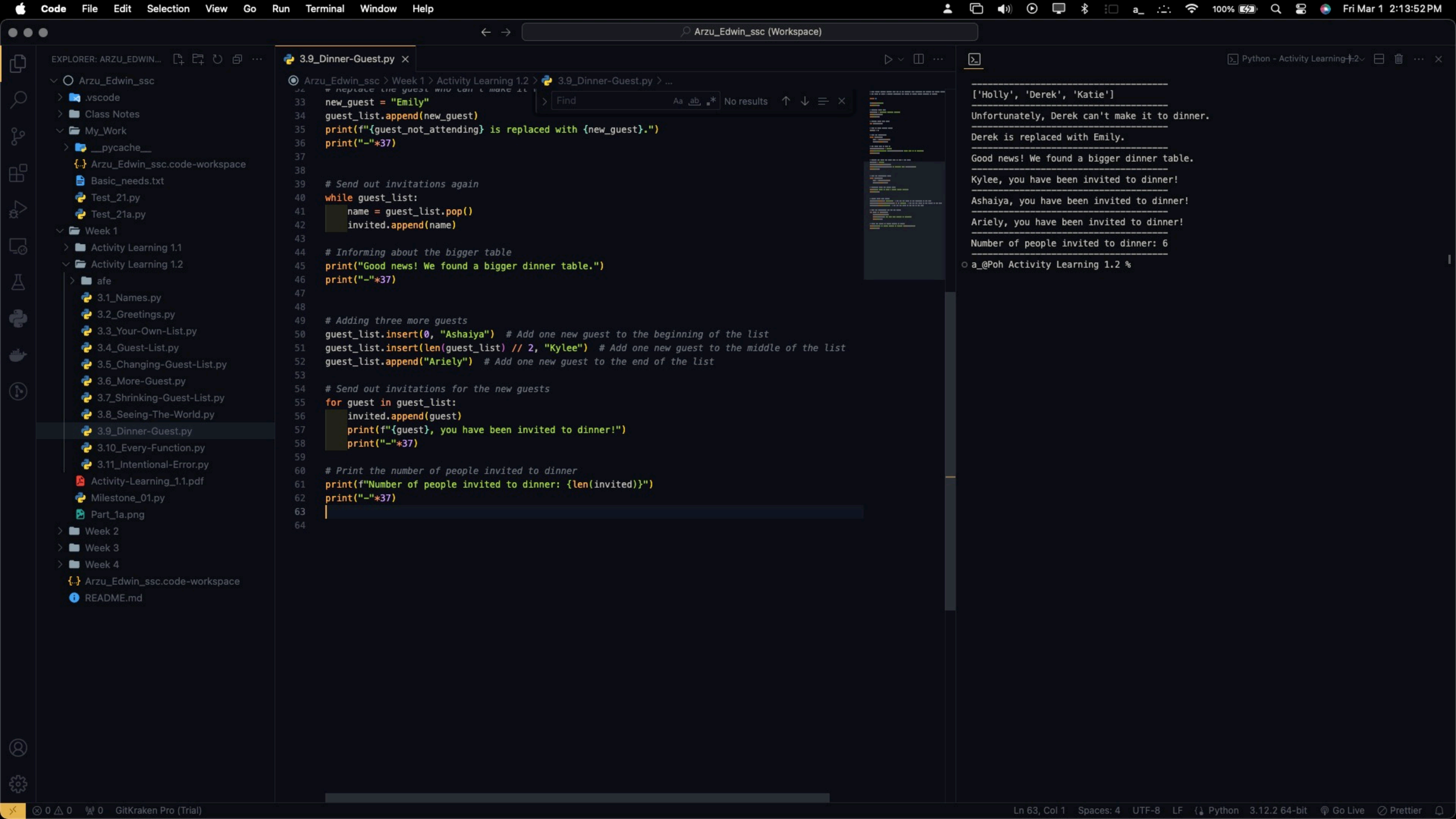
Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.8_Seeing-The-World.py > ...
104
105 import os
106
107 os.system('Clear')
108 print("-"*37)
109
110 # Original list of wonders
111 wonders = ["Mount Everest", "Stonehenge", "Aurora borealis", "Grand Canyon", "Eiffel Tower"]
112 print("Original List", wonders)
113 print("-"*37)
114
115 # Use sorted() to print the list in reverse-alphabetical order without modifying the original list
116 print("Sorted in reverse-alphabetical order:", sorted(wonders, reverse=True))
117 print("-"*37)
118
119 # Use reverse() to change the order of the list
120 wonders.reverse()
121
122 # Print the list to show its order has changed
123 print("Reversed list:", wonders)
124 print("-"*37)
125
126 # Use reverse() again to change the order back to its original order
127 wonders.reverse()
128
129 # Use sort() to change the list to alphabetical order
130 wonders.sort()
131
132 # Print the list to show its order has changed to alphabetical order
133 print("Sorted in alphabetical order:", wonders)
134 print("-"*37)
135
136 # Use sort() to change the list to reverse-alphabetical order
137 wonders.sort(reverse=True)
138
139 # Print the list to show its order has changed to reverse-alphabetical order
140 print("Sorted in reverse-alphabetical order:", wonders)
141 print("-"*37)
142
143
Python - Activity Learning 1.2
Original List ['Mount Everest', 'Stonehenge', 'Aurora borealis', 'Grand Canyon', 'Eiffel Tower']
Sorted in reverse-alphabetical order: ['Stonehenge', 'Mount Everest', 'Grand Canyon', 'Eiffel Tower', 'Aurora borealis']
Reversed list: ['Eiffel Tower', 'Grand Canyon', 'Aurora borealis', 'Stonehenge', 'Mount Everest']
Sorted in alphabetical order: ['Aurora borealis', 'Eiffel Tower', 'Grand Canyon', 'Mount Everest', 'Stonehenge']
Sorted in reverse-alphabetical order: ['Stonehenge', 'Mount Everest', 'Grand Canyon', 'Eiffel Tower', 'Aurora borealis']
a_@Poh Activity Learning 1.2 %
0 0 0 GitKraken Pro (Trial)
Ln 142, Col 1 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 2:13:52 PM
Arzu_Edwin_ssc (Workspace)
EXPLORER: ARZU_EDWIN...
Arzu_Edwin_ssc
.vscode
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Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.9_Dinner-Guest.py > ...
Find
No results
new_guest = "Emily"
guest_list.append(new_guest)
print(f"{guest_not_attending} is replaced with {new_guest}.")
print("-"*37)
# Send out invitations again
while guest_list:
name = guest_list.pop()
invited.append(name)
# Informing about the bigger table
print("Good news! We found a bigger dinner table.")
print("-"*37)
# Adding three more guests
guest_list.insert(0, "Ashaiya") # Add one new guest to the beginning of the list
guest_list.insert(len(guest_list) // 2, "Kylee") # Add one new guest to the middle of the list
guest_list.append("Ariely") # Add one new guest to the end of the list
# Send out invitations for the new guests
for guest in guest_list:
invited.append(guest)
print(f"{guest}, you have been invited to dinner!")
print("-"*37)
# Print the number of people invited to dinner
print(f"Number of people invited to dinner: {len(invited)}")
print("-"*37)
Python - Activity Learning 1.2
['Holly', 'Derek', 'Katie']
Unfortunately, Derek can't make it to dinner.
Derek is replaced with Emily.
Good news! We found a bigger dinner table.
Kylee, you have been invited to dinner!
Ashaiya, you have been invited to dinner!
Ariely, you have been invited to dinner!
Number of people invited to dinner: 6
a_@Poh Activity Learning 1.2 %
GitKraken Pro (Trial)
Ln 63, Col 1
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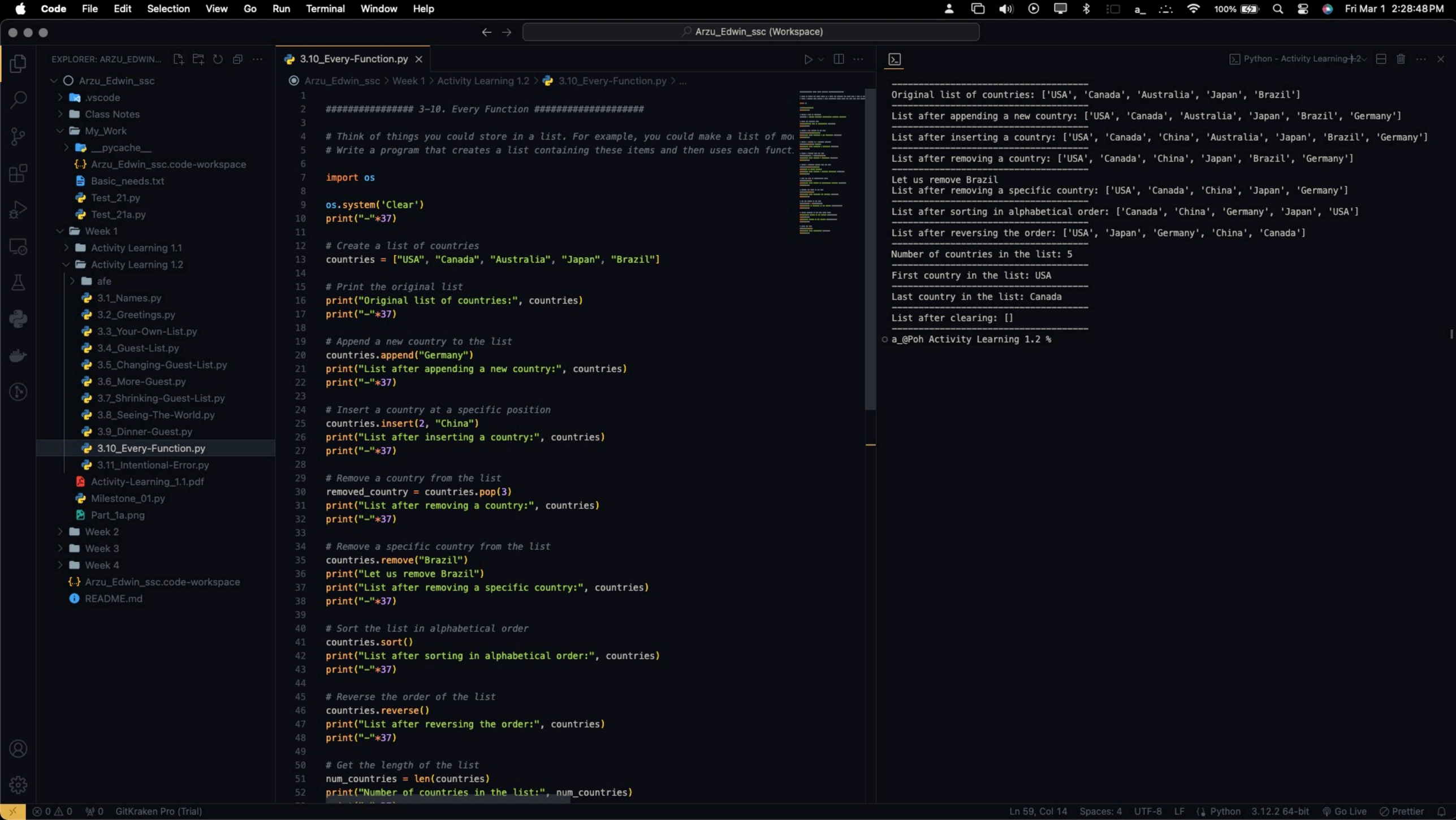
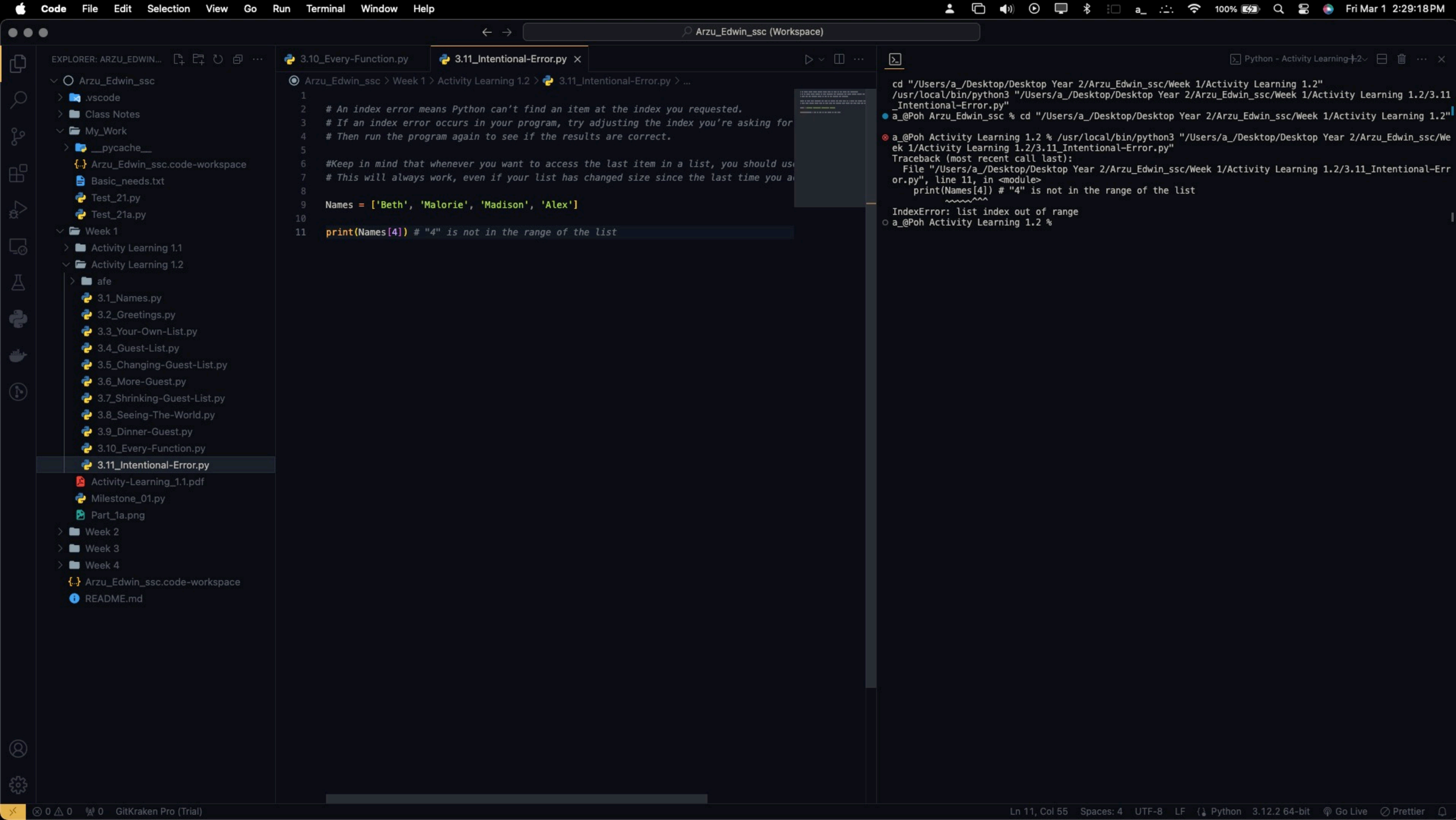
UTF-8
LF
Python
3.12.2 64-bit
Go Live
Prettier




```python
################ 3-10. Every Function ####################

# Think of things you could store in a list. For example, you could make a list of mo
# Write a program that creates a list containing these items and then uses each funct.

import os

os.system('Clear')
print("-"*37)

# Create a list of countries
countries = ["USA", "Canada", "Australia", "Japan", "Brazil"]

# Print the original list
print("Original list of countries:", countries)
print("-"*37)

# Append a new country to the list
countries.append("Germany")
print("List after appending a new country:", countries)
print("-"*37)

# Insert a country at a specific position
countries.insert(2, "China")
print("List after inserting a country:", countries)
print("-"*37)

# Remove a country from the list
removed_country = countries.pop(3)
print("List after removing a country:", countries)
print("-"*37)

# Remove a specific country from the list
countries.remove("Brazil")
print("Let us remove Brazil")
print("List after removing a specific country:", countries)
print("-"*37)

# Sort the list in alphabetical order
countries.sort()
print("List after sorting in alphabetical order:", countries)
print("-"*37)

# Reverse the order of the list
countries.reverse()
print("List after reversing the order:", countries)
print("-"*37)

# Get the length of the list
num_countries = len(countries)
print("Number of countries in the list:", num_countries)
```


Code File Edit Selection View Go Run Terminal Window Help
Fri Mar 1 2:29:18 PM
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Arzu_Edwin_ssc > Week 1 > Activity Learning 1.2 > 3.11_Intentional-Error.py > ...
1
2 # An index error means Python can't find an item at the index you requested.
3 # If an index error occurs in your program, try adjusting the index you're asking for
4 # Then run the program again to see if the results are correct.
5
6 #Keep in mind that whenever you want to access the last item in a list, you should us
7 # This will always work, even if your list has changed size since the last time you a
8
9 Names = ['Beth', 'Malorie', 'Madison', 'Alex']
10
11 print(Names[4]) # "4" is not in the range of the list
Python - Activity Learning 1.2
cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
/usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.11
_Intentional-Error.py"
a_@Poh Arzu_Edwin_ssc % cd "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2"
a_@Poh Activity Learning 1.2 % /usr/local/bin/python3 "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/We
ek 1/Activity Learning 1.2/3.11_Intentional-Error.py"
Traceback (most recent call last):
File "/Users/a_/Desktop/Desktop Year 2/Arzu_Edwin_ssc/Week 1/Activity Learning 1.2/3.11_Intentional-Err
or.py", line 11, in <module>
print(Names[4]) # "4" is not in the range of the list
IndexError: list index out of range
a_@Poh Activity Learning 1.2 %
0 0 0 GitKraken Pro (Trial)
Ln 11, Col 55 Spaces: 4 UTF-8 LF Python 3.12.2 64-bit Go Live Prettier