Course Name	ITD 2313 – Script Programming
Instructor	Andy Tripp
Student Name	Timothy Obinda
Due date	10/19/2025
Grade	Put grade earned here
Grading Comments	Put instructor comments here

INSTRUCTIONS FOR THE EXERCISE

You should always read the instructions in full. It is best to do a full read through before starting the assignment. Each screen shot needs to be appropriately labeled.

In these instruction, you are given information to execute specific examples in the text. You are given the Section, Subsection and a page number to identify a set of steps. On each page listed, there will be 1 or more numbered tasks to perform. These numbered tasks will be what you are to type in, execute and then grab the screen shots of. Those screen shots will the go into your submission document.

Some advice, copy this instruction set into your submission document and then put the screen shots under each numbered task. Each individual book page in the instructions should be in a different screen shot. For any single book page, you may have all the numbered tasks on that page be in a single screen shot.

Lists

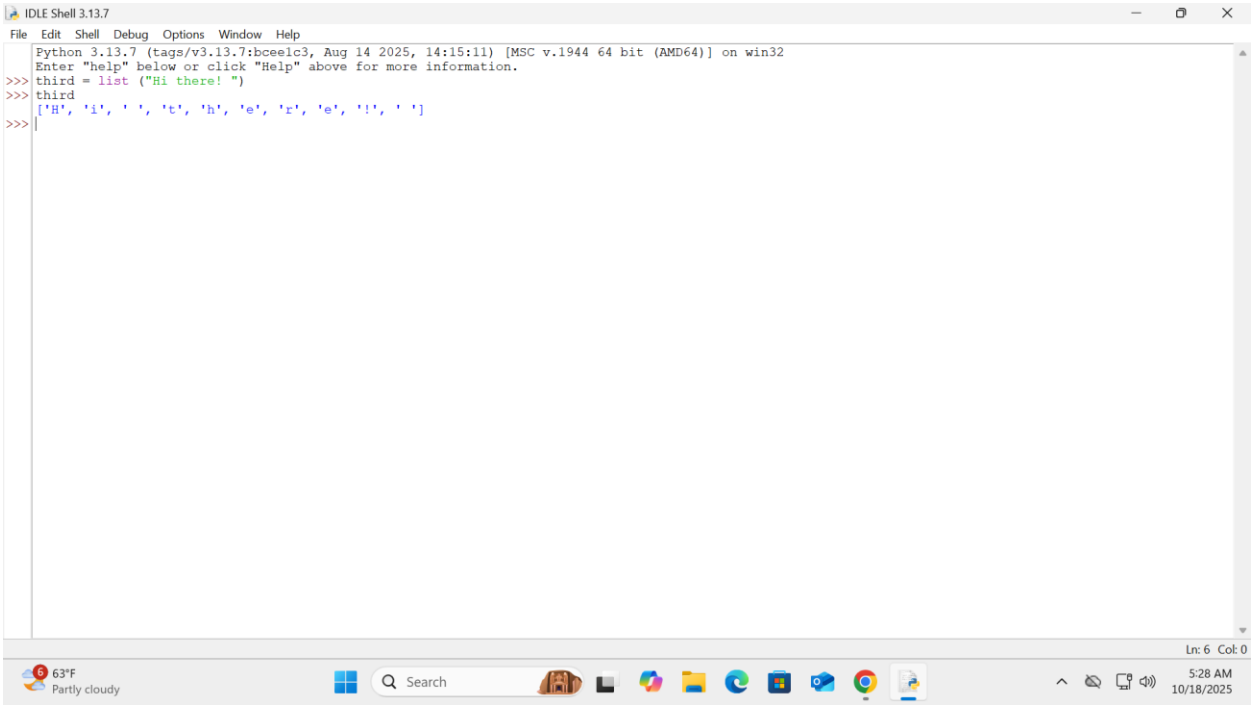
List Literals and Basic Operations

Page 116 -117

1. There are 8 small sets of code example blocks for this section. The first is about 3/4 way down and starts with Import math.

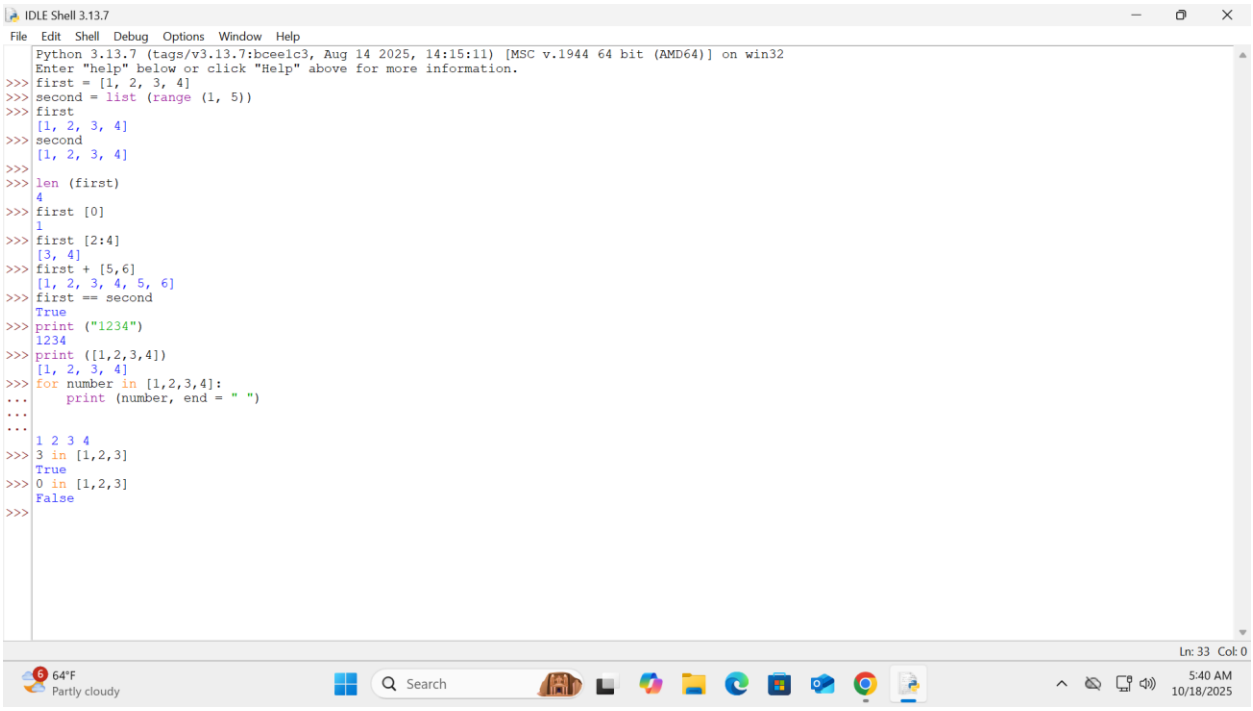
2. The second code example block is at the bottom and spills over to the top of the next page (117) and starts with first=.

3. The third code example block is just a few lines later and starts with third=.



4. The fourth code example block starts with the len function.

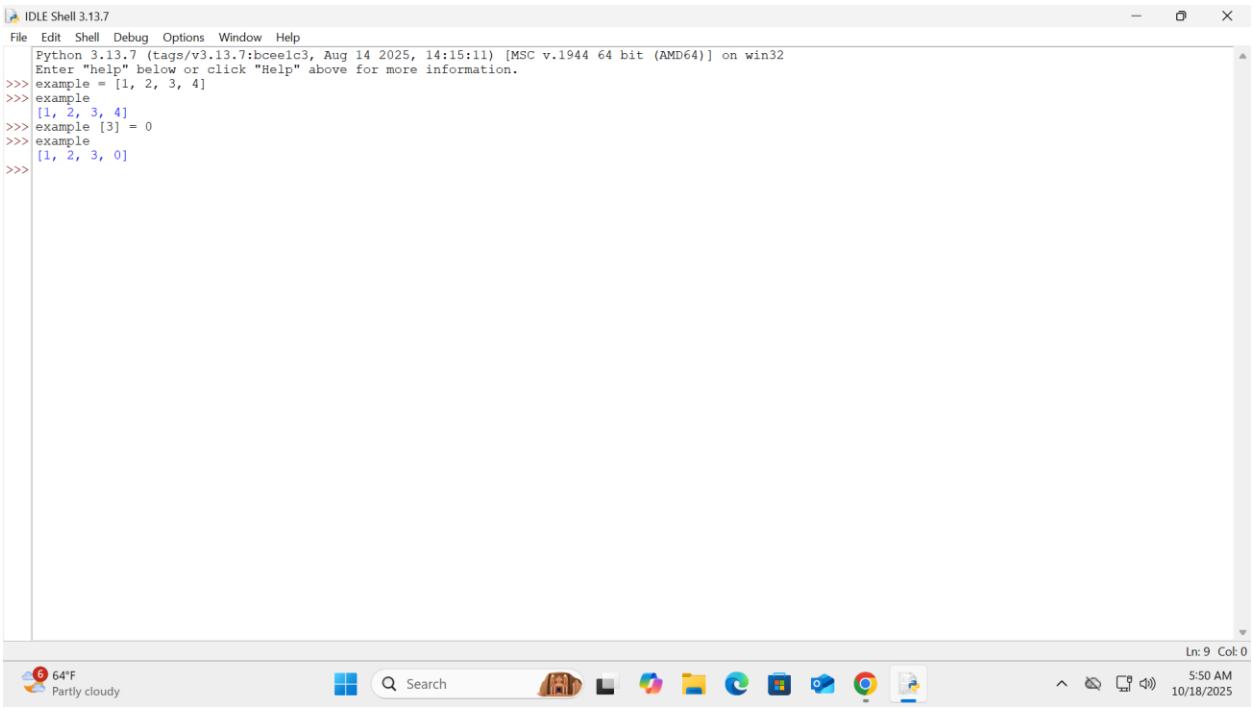
5. The fifth code example block starts with first + .
6. The sixth code example block will be the one that starts print.
7. The seventh code example block is the one that covers the for loop.
8. The last code example block on this page deals with the in operator.



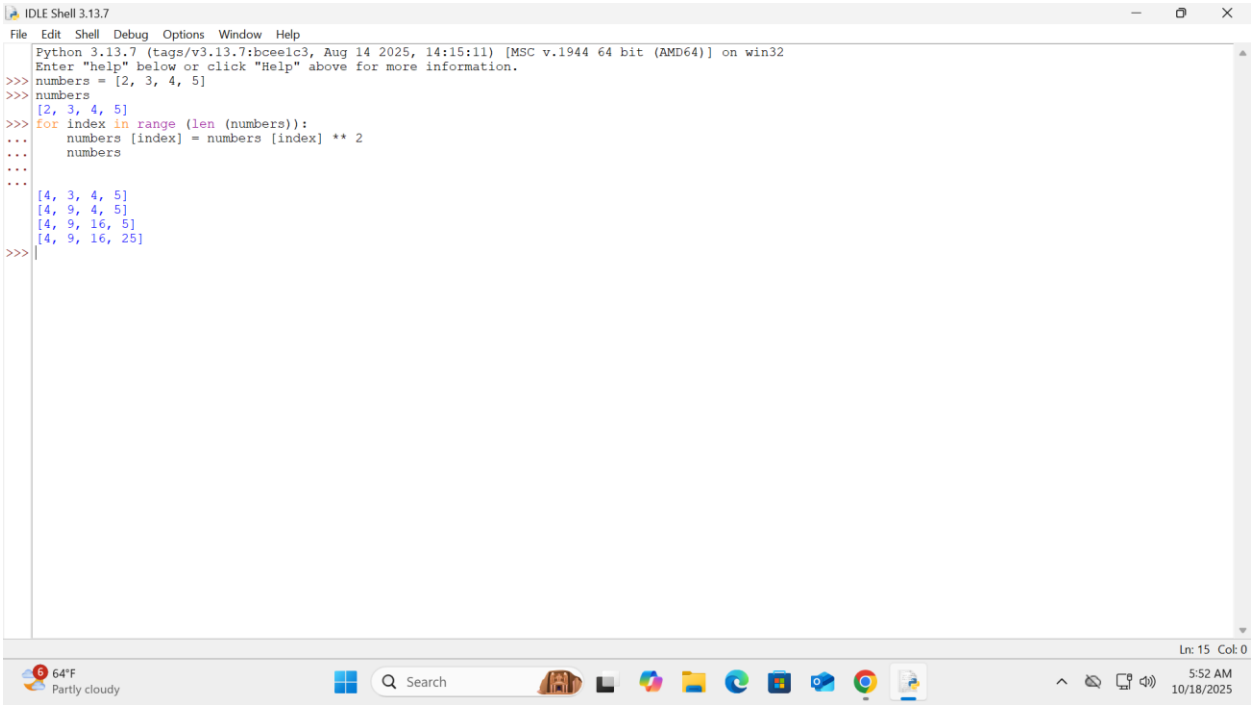
Replacing an Element in a List

Page 118

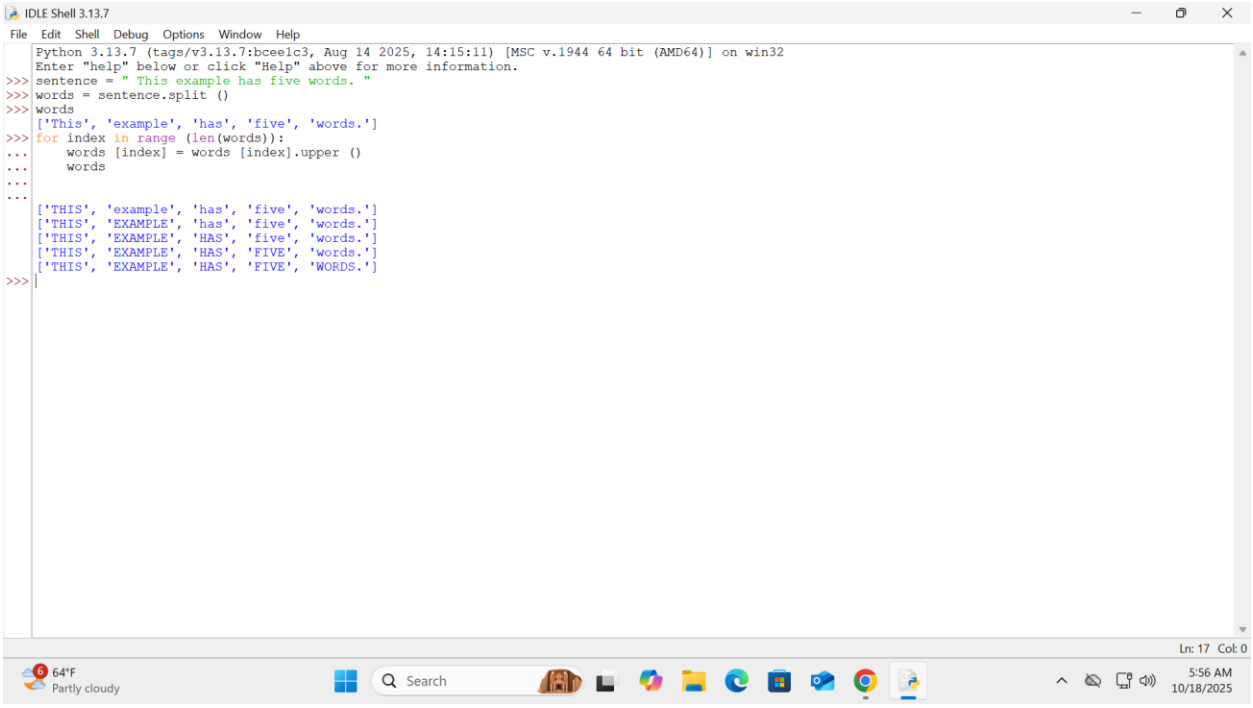
1. There are three code example blocks for this section, the first being about 3/4 the way down on the page.



2. The second code example block is at the bottom of the page.



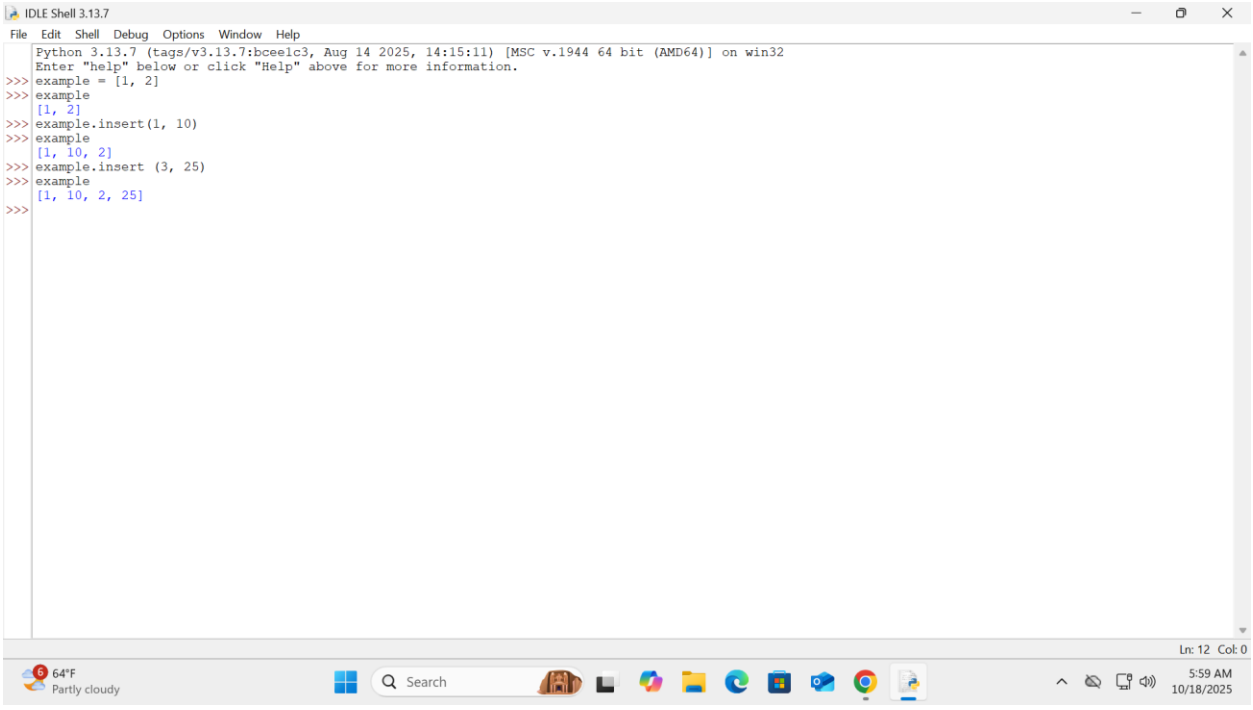
3. The last code example block on the page is at the top of page 119.



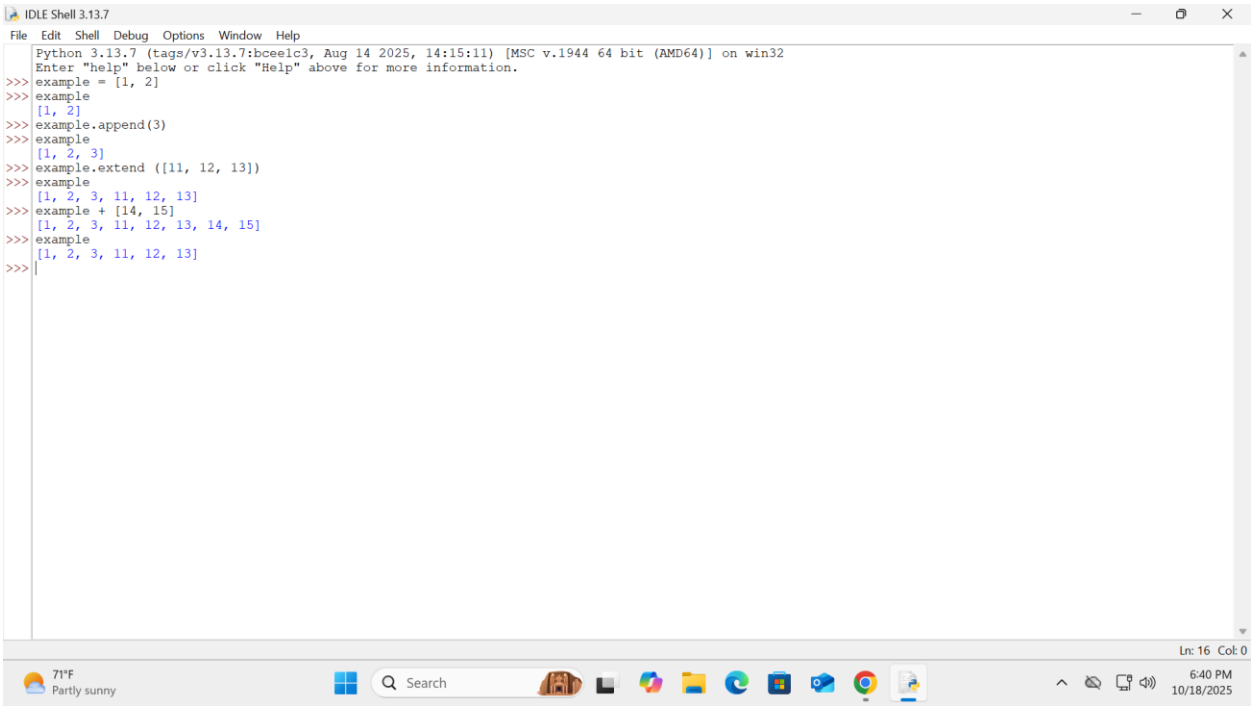
List Methods for Inserting and Removing Elements

Page 119 - 120

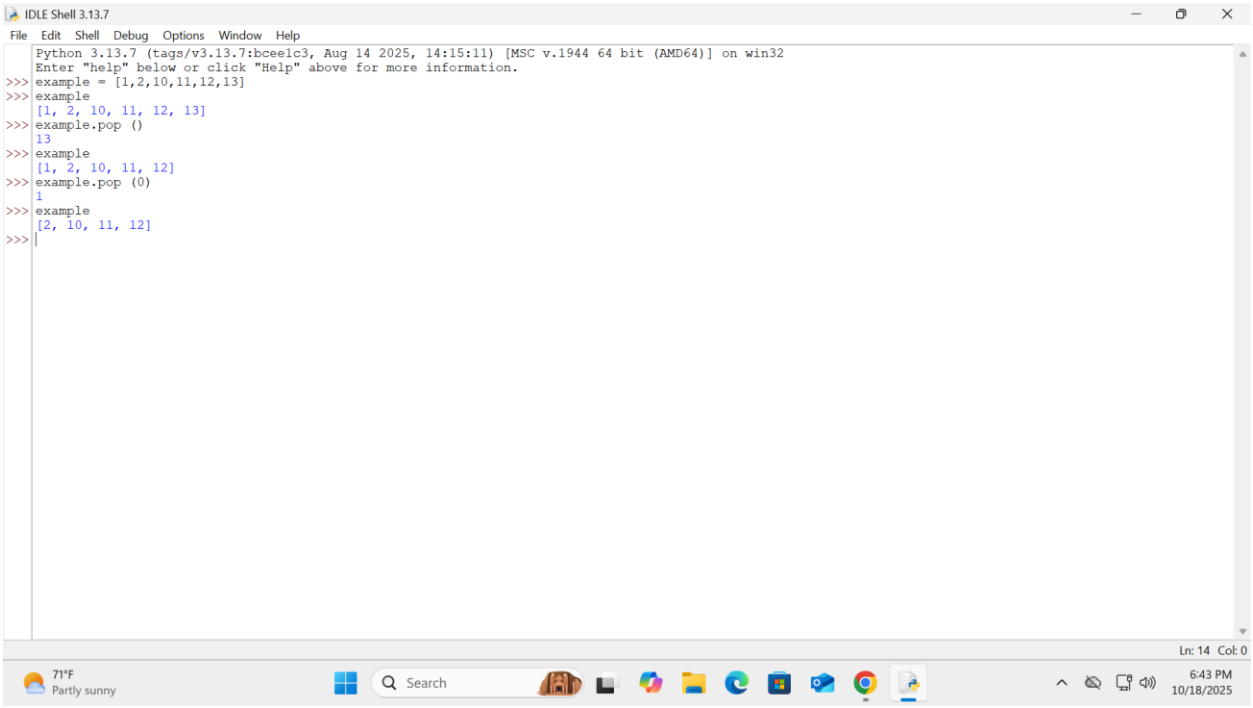
1. There are three code example blocks on this page, the first is at the bottom of the page.



2. The second code example block is on the top of page 120.



3. The last is about halfway down the page.



Searching a list

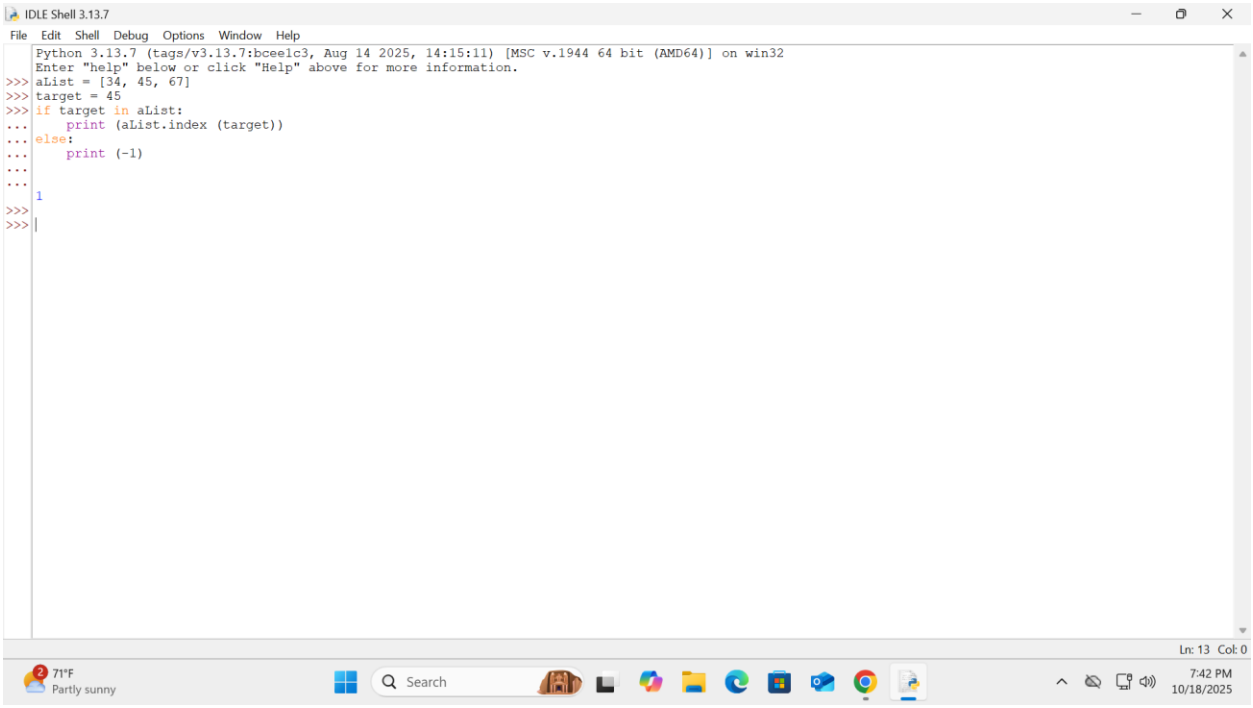
Page 121

1. The code example block is at the top of the page. It does not show output. You will need to show the output of that search code.

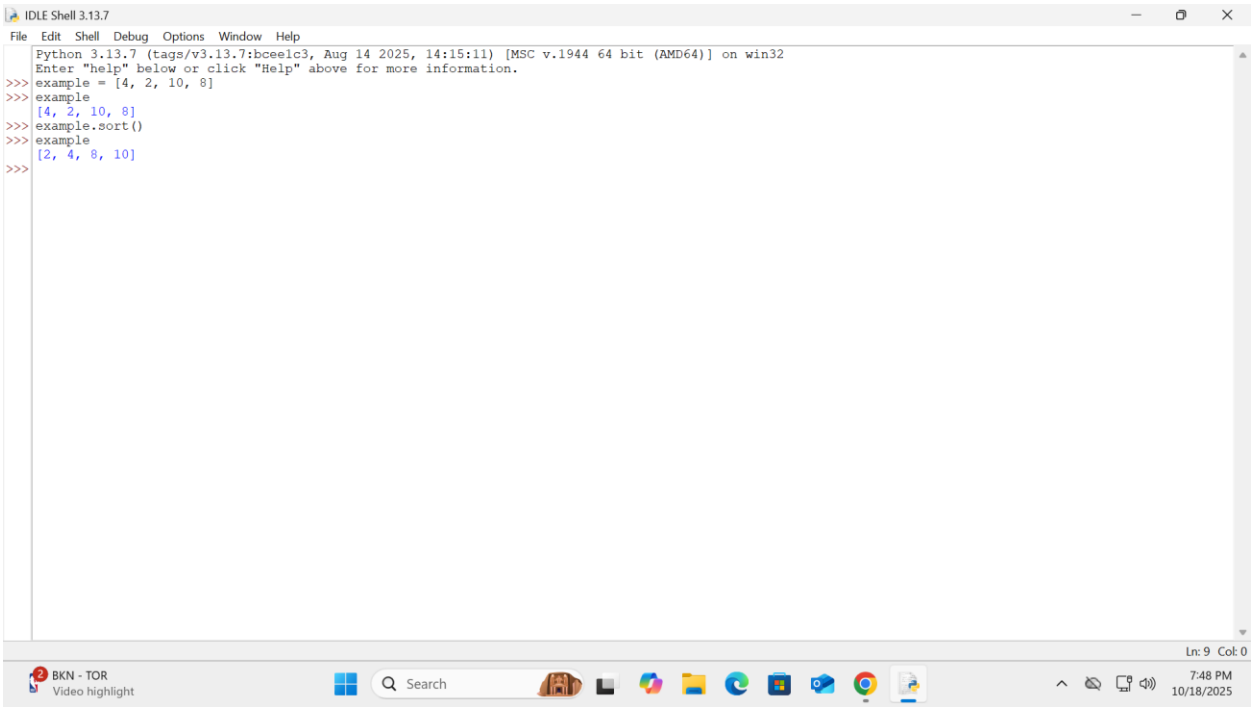
Sorting a list

Page 121

1. The first code example block is about half way down the page.



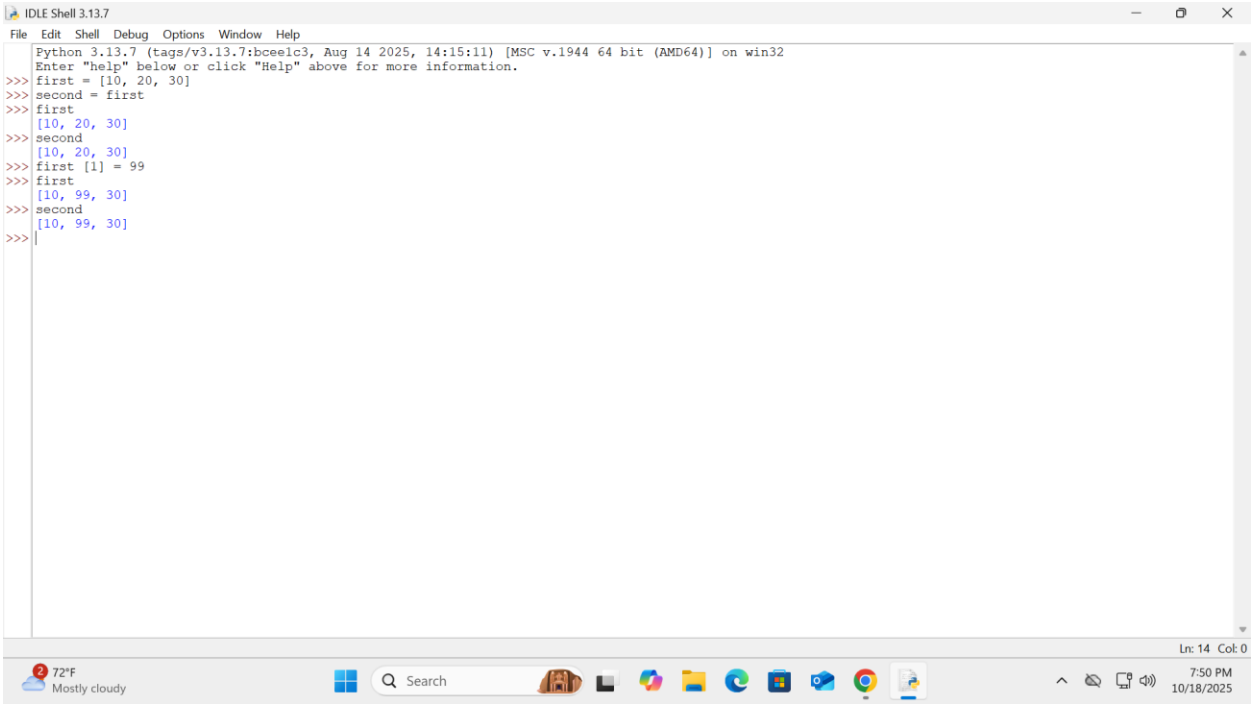
2. The last code example block is on the bottom of the page but it is included on the next set of instructions as it ends on the next page. So just the one screen shot here on this page.



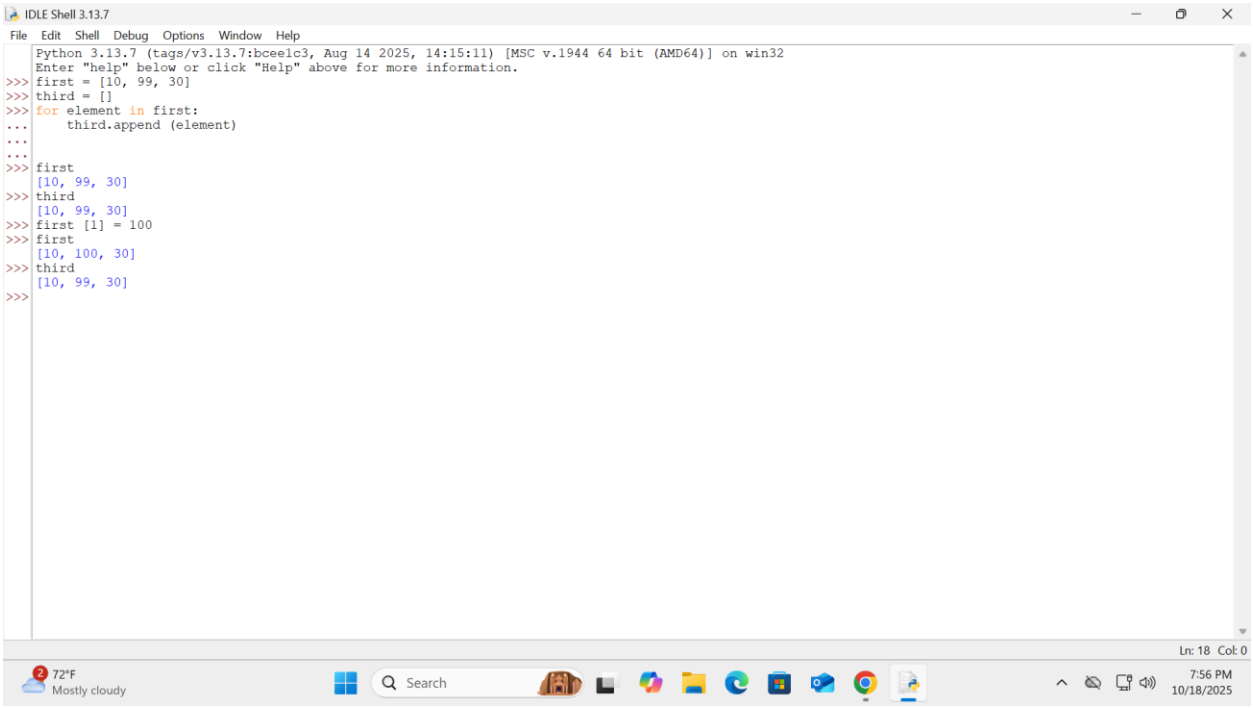
Aliasing and Side effects

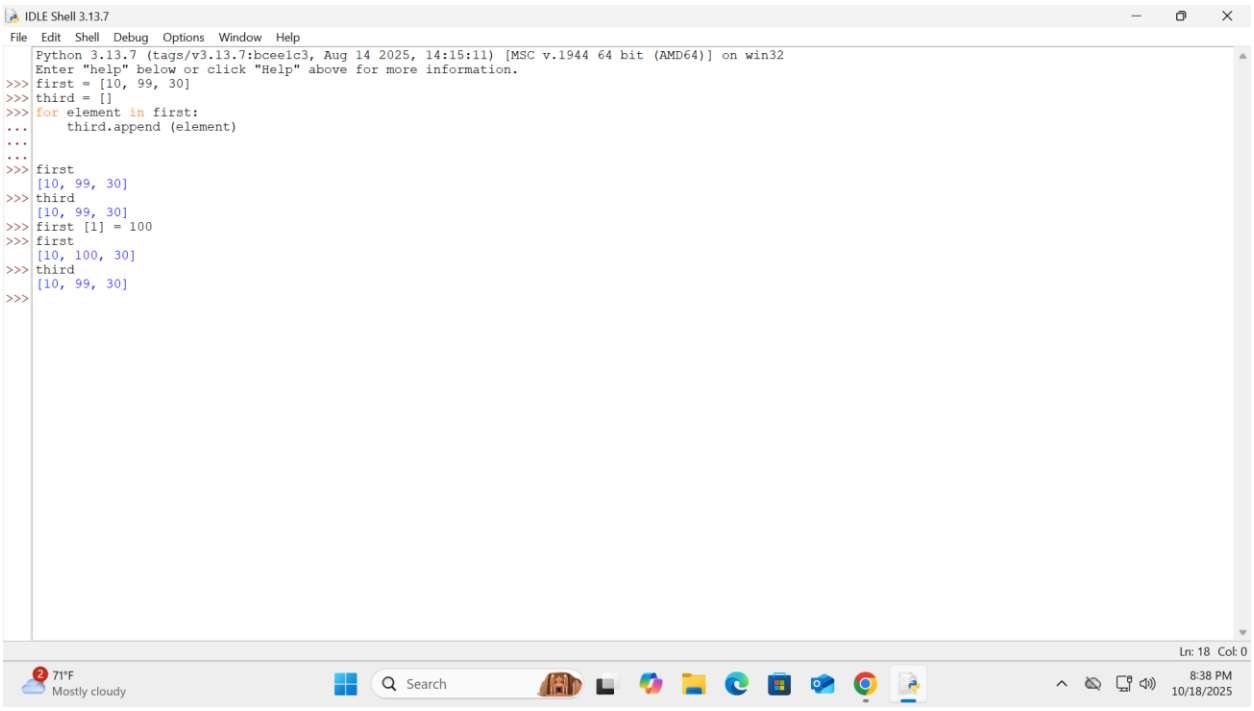
Page 122

1. The code example block that is at the top of this page. Put the screenshot of the whole set here under this set of instructions.



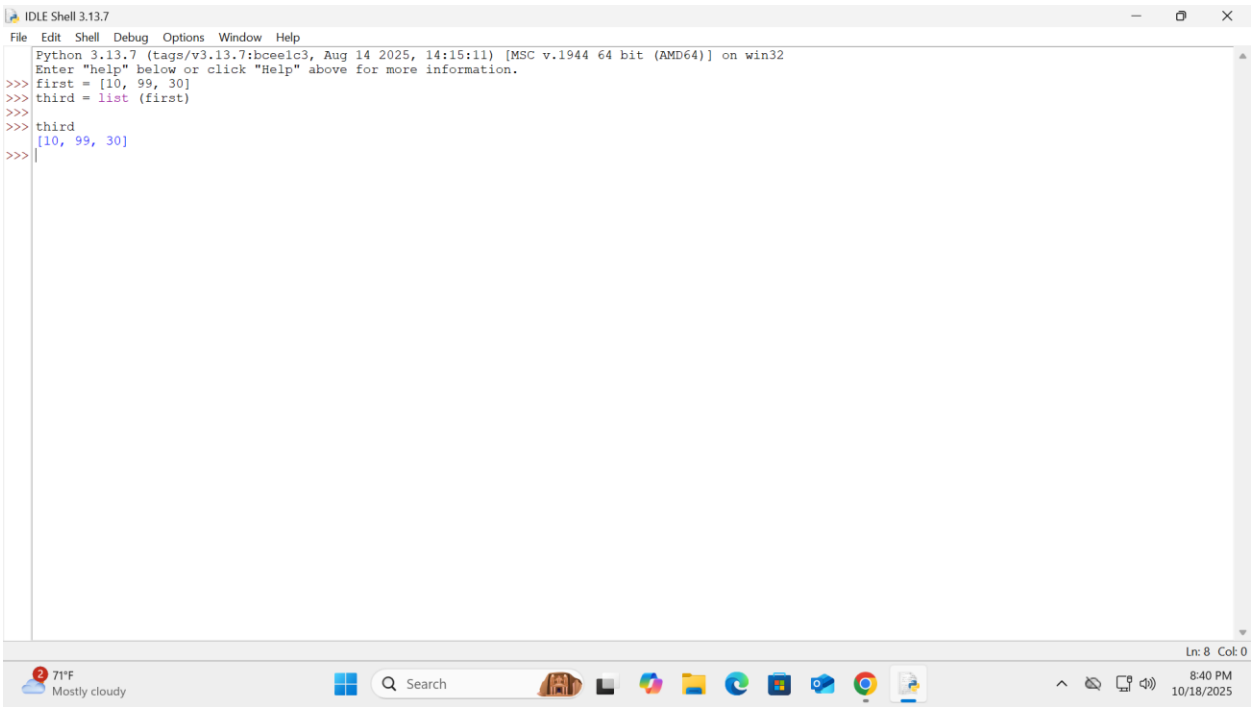
2. About 3/4 way down is the second and final code example block on this page.

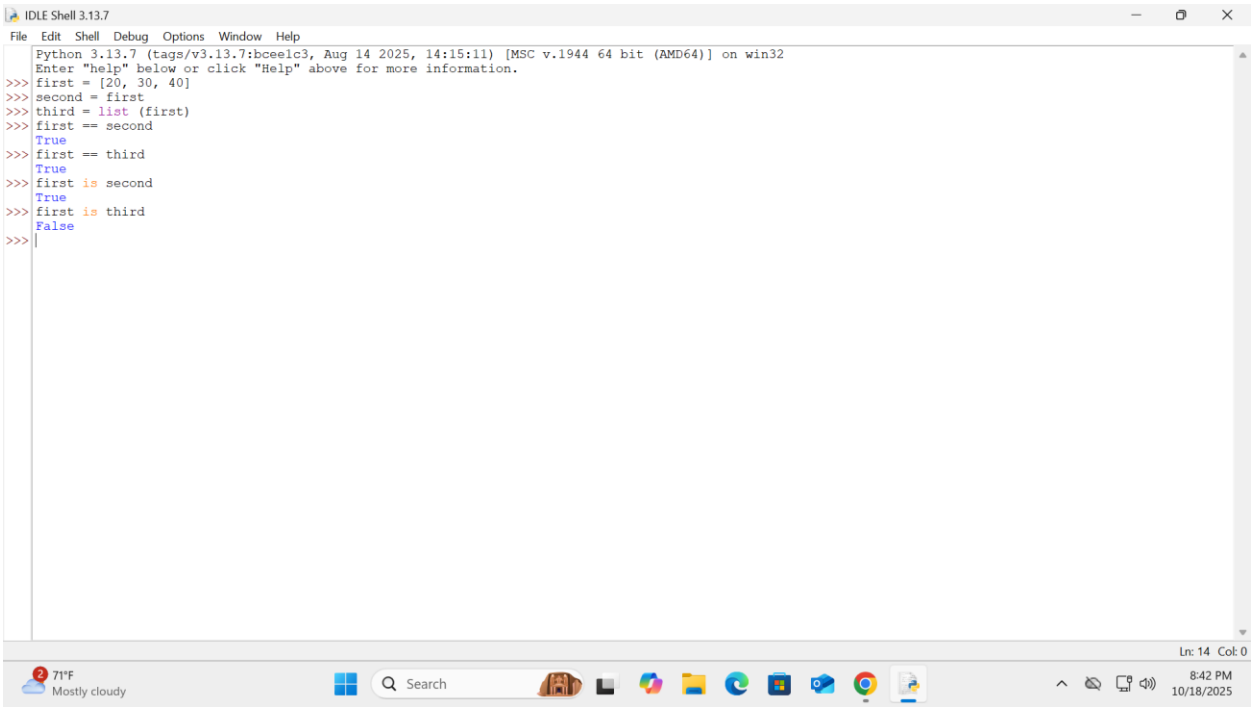




Page 123

1. There is a small code example block of a single line at the top. There is not output given but you will need to execute and catch the output in your screen shot.





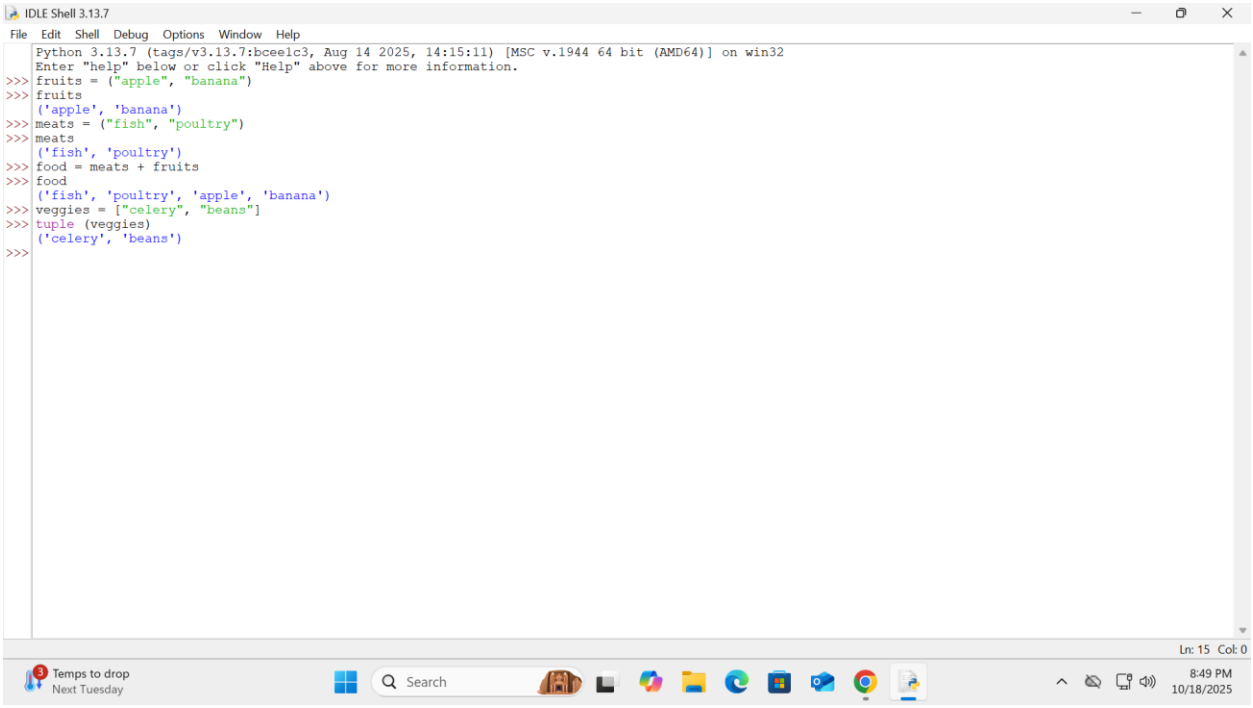
1. The first code example block is actually a script that is available in the download for this chapter. Load it in and run it to get the screen shot.

Download could not open in python

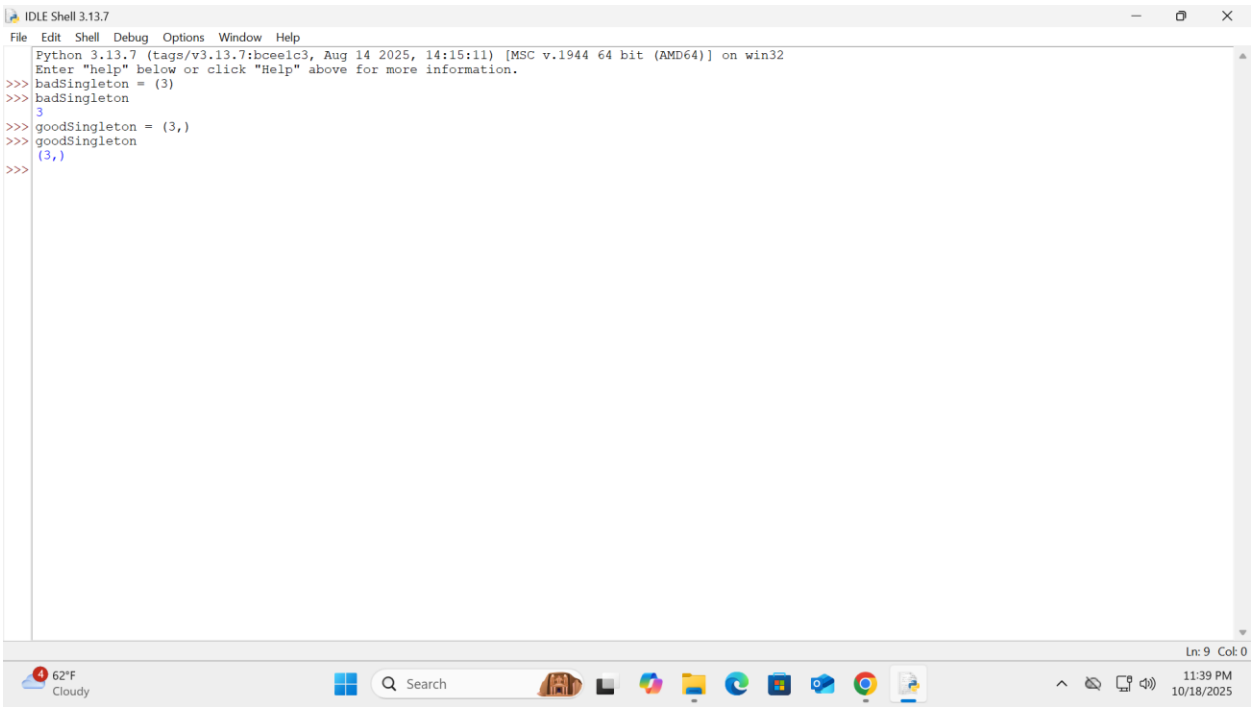
Tuples

Page 124

1. The first code example block starts at the bottom and spills over to the to of the next page. The screenshot for the entire code block should be on this page.



2. The second code example block is about 1/3 of the way and just before the exercises portion on the page.

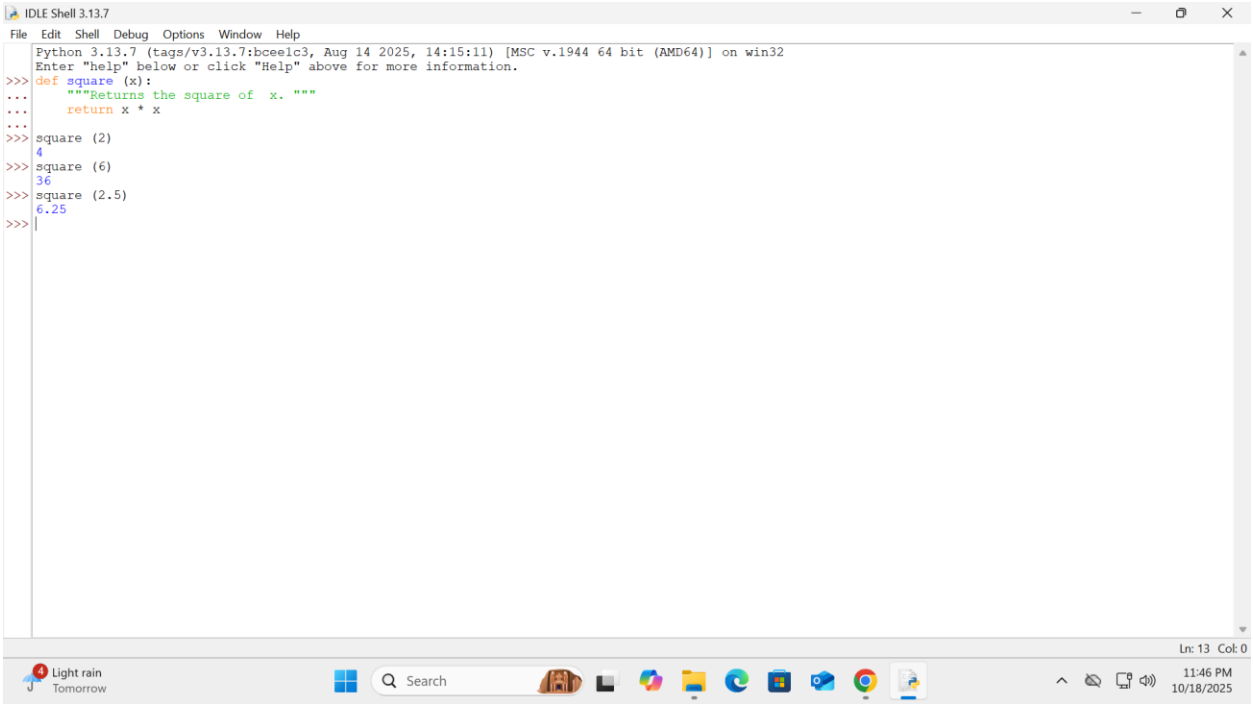


Defining Simple Functions

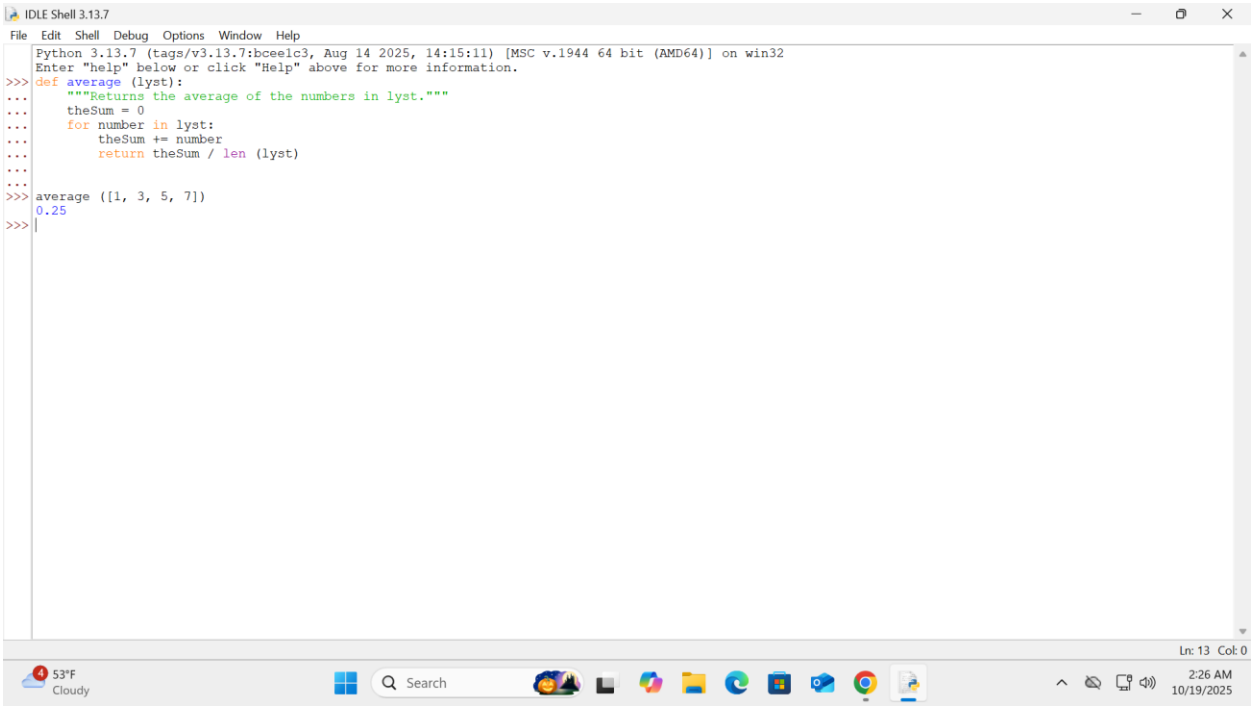
The Syntax of Simple Function Definitions

Page 126

1. You will need to do the small code example block about 1/2 of the way page before doing the few lines above it. This last code example block on the page defines the function that is used in those previous lines.



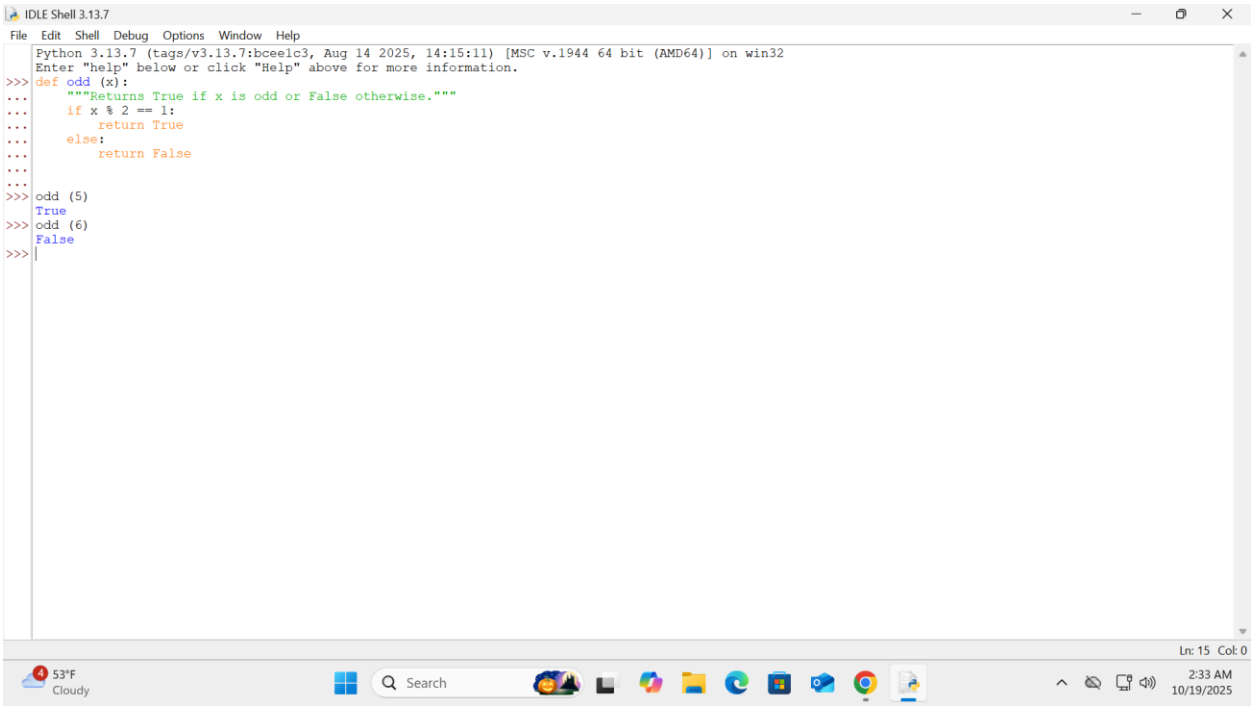
2. The code example block in at the bottom of the page and spills over to the top of the next page is similar to the one above. In that the function needs to be typed in first and then the line above it so it will execute correctly.



Boolean Function

Page 127

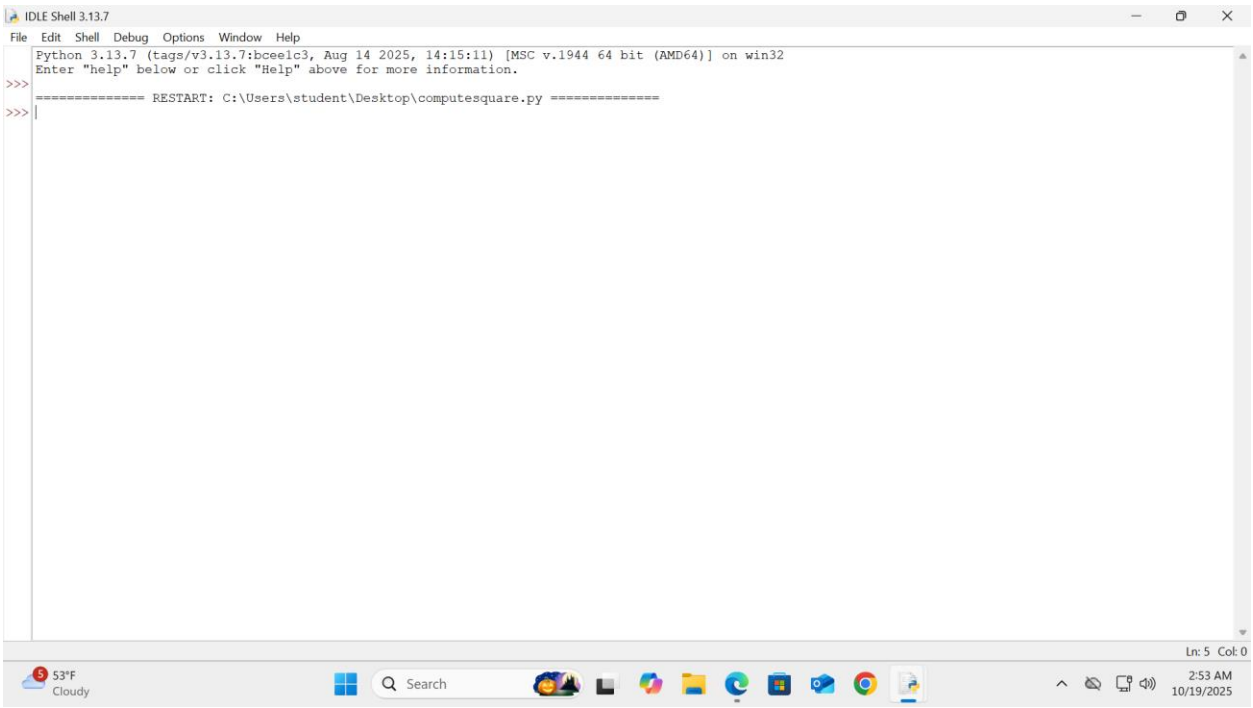
1. The code example block in the middle of this page also has that function example after the lines that use it. So you will need to type in the function items first and then do the examples using the function.



Defining the Main function

Page 128

1. You may find that the code example block is easier to implement with a script than in the interactive shell. So put this code example block into a script and then execute it, catching the screen shot after implementation.



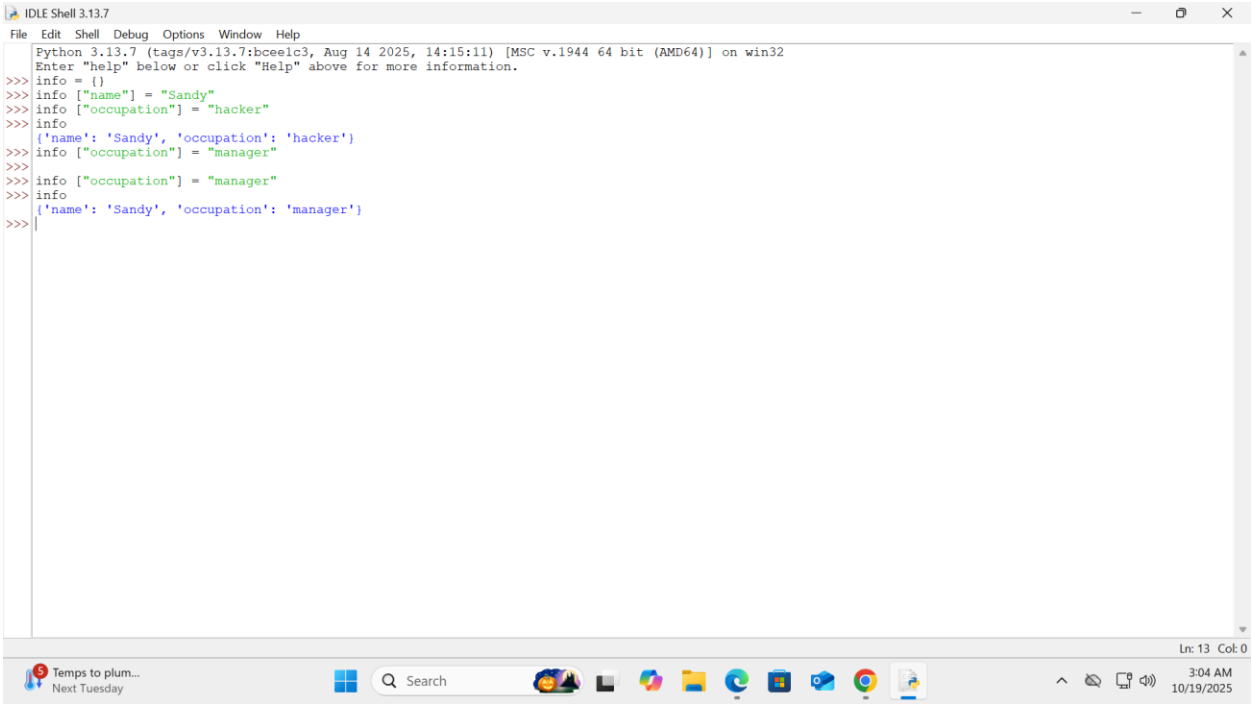
The Case study Generating Sentences is not one you need to catch screen shots of but you should go through it and use it as a learning tool.

Dictionaries

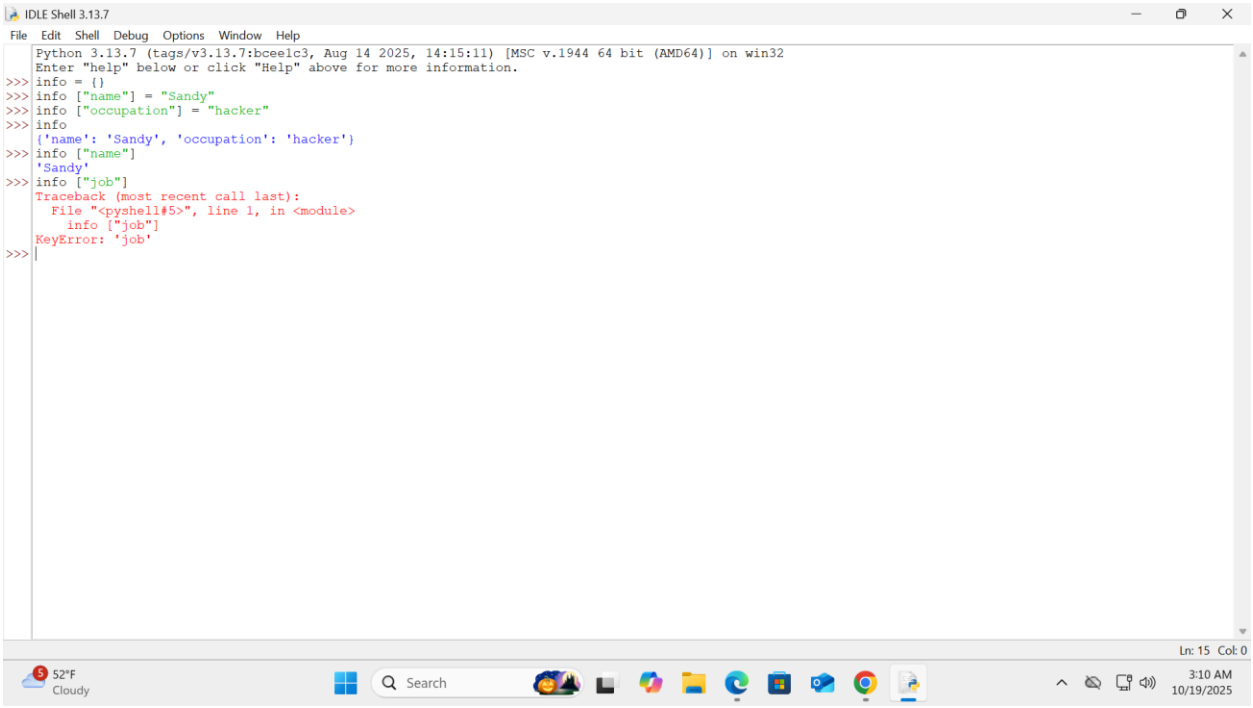
Adding Keys and Replacing Values

Page 132

1. At the bottom of the page, there is code example block of a few lines and then another line after some text. They are all together 1 block and you can include them all into a single screen shot.



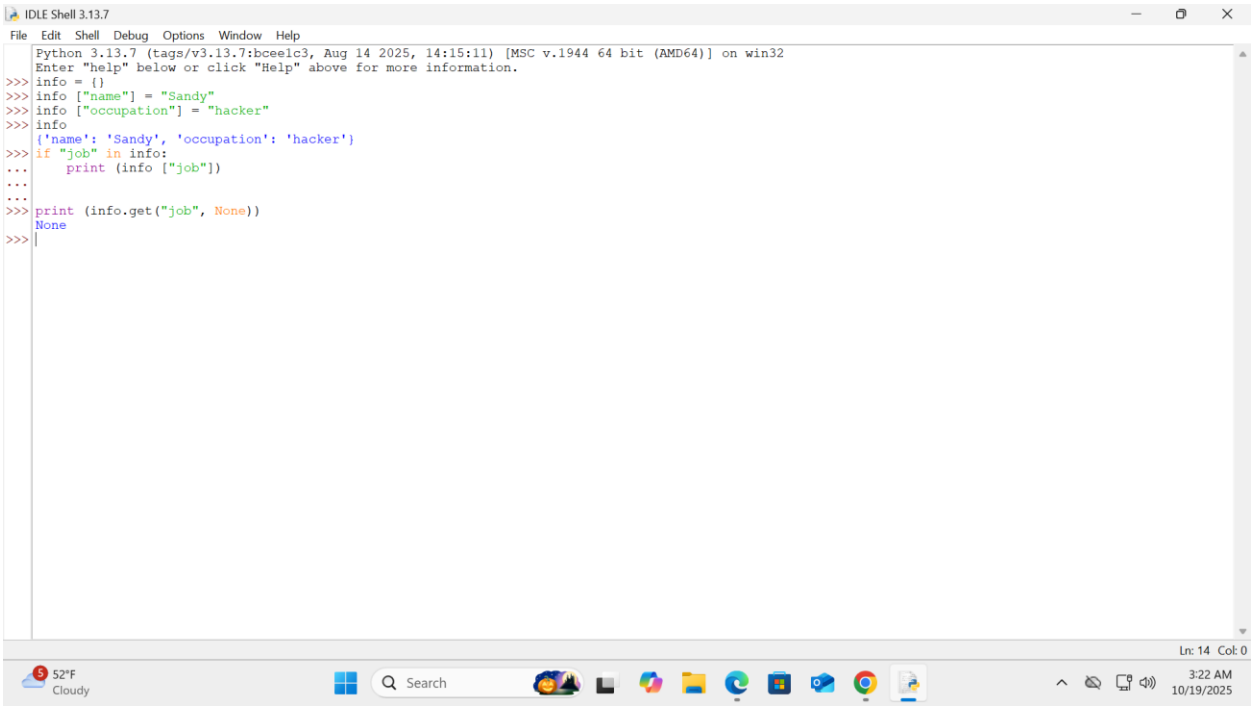
2. There is a small code example block at the end of the page. It shows an error condition. Grab a screenshot of the error you get. The code ends on the page also.



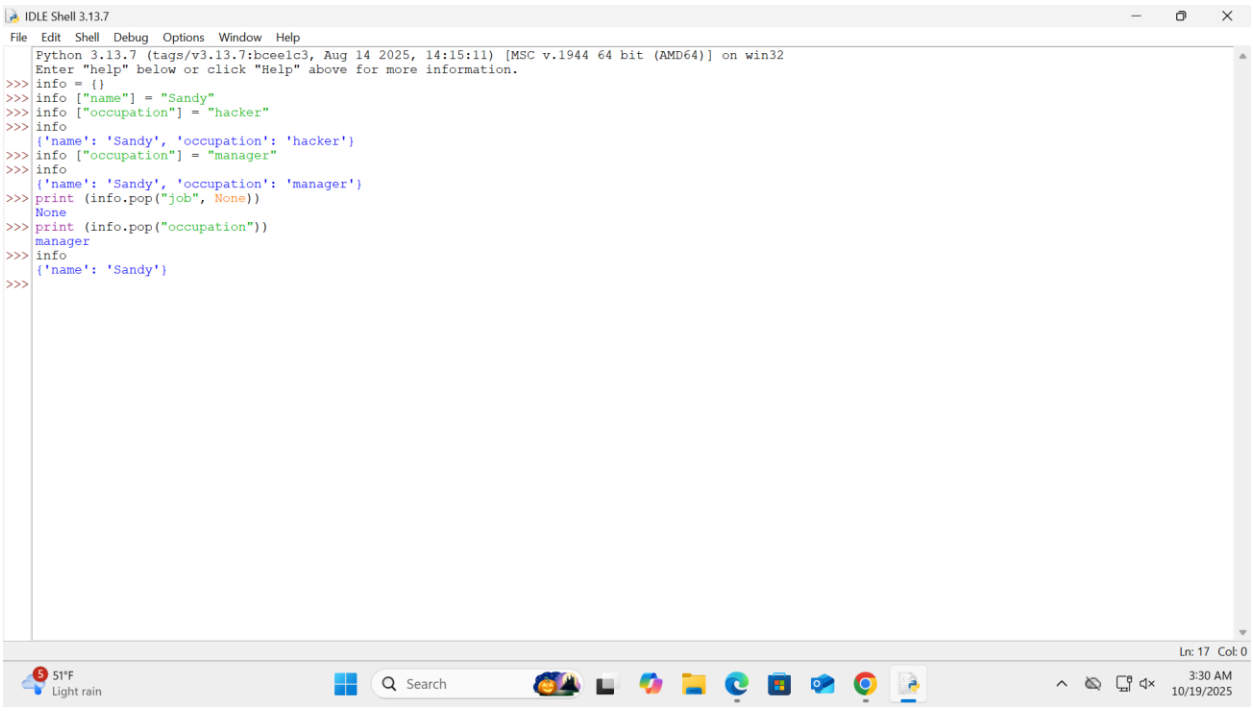
Accessing Values

Page 133

1. There are two small code example blocks at the top of the page. Both can be placed into a single screen shot



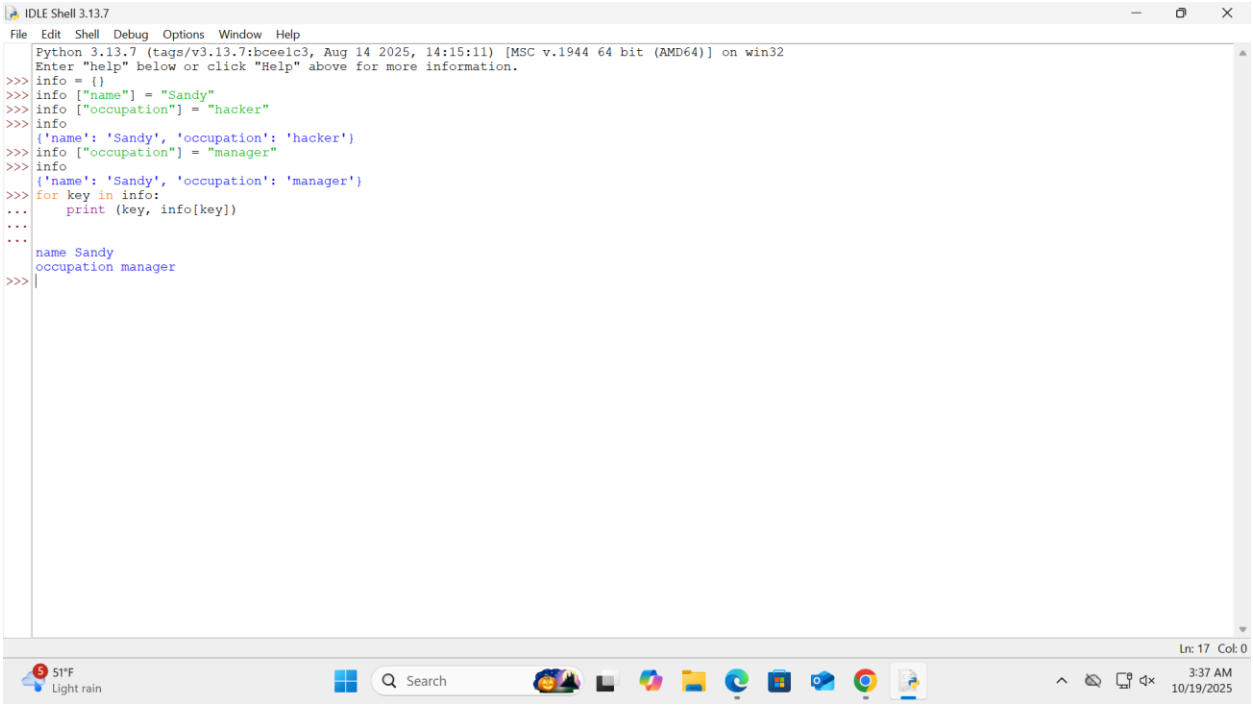
2. In the middle of the page, there is a code example block about removing keys.



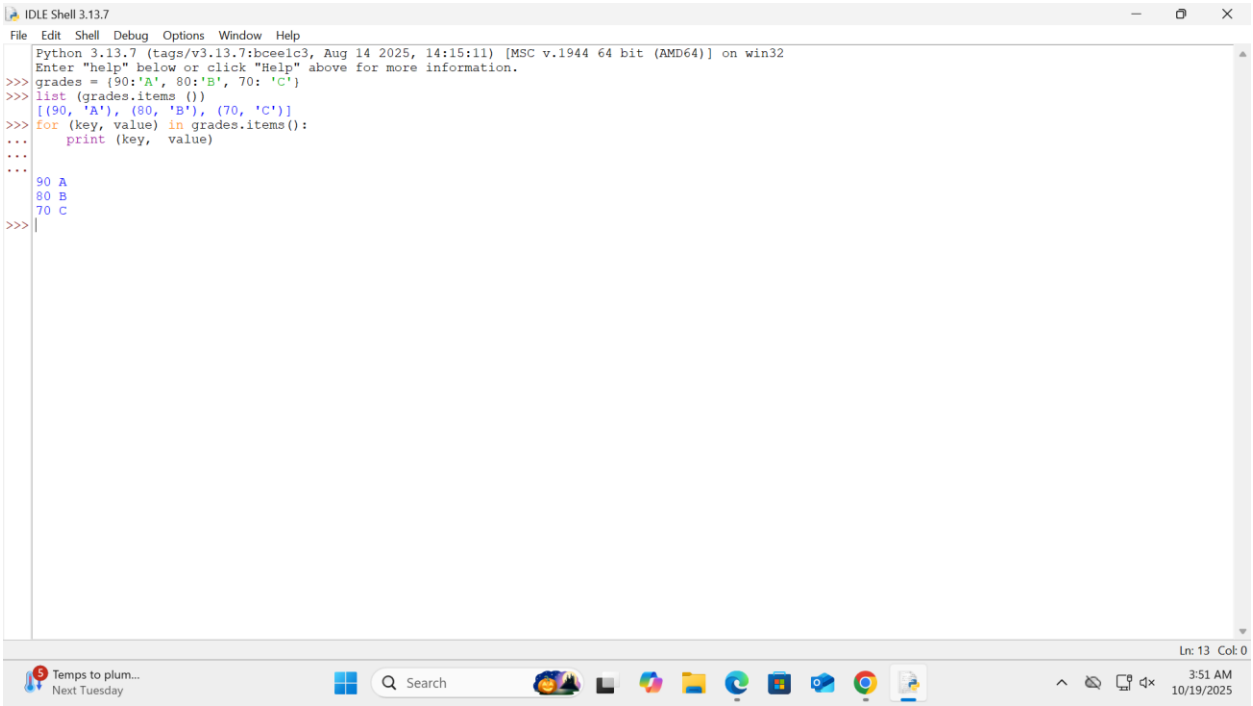
Traversing a Dictionary

Page 133

1. The last code example blocks starts at the bottom of the page and spills over to the top of the next page. This can be grouped into a single screen shot if you would like.



2. There is a small code example block about 1/2 the way down that page.



Example: The Hexadecimal system revisited

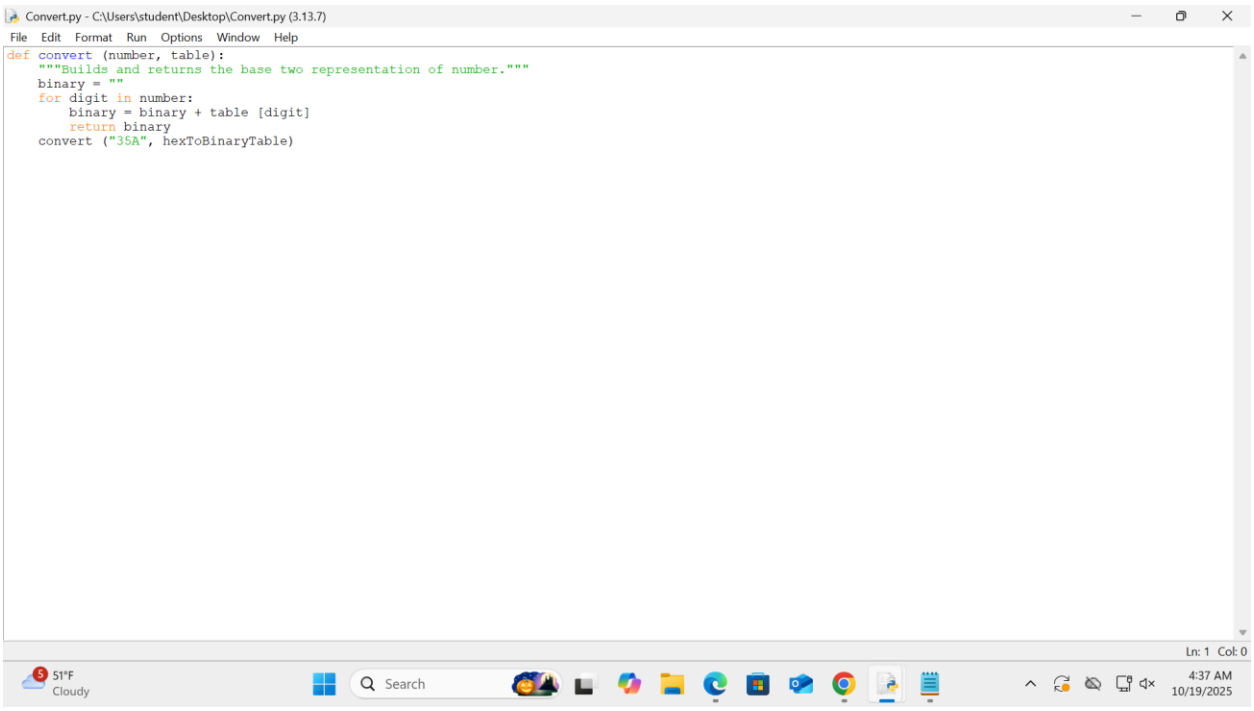
Page 134-135

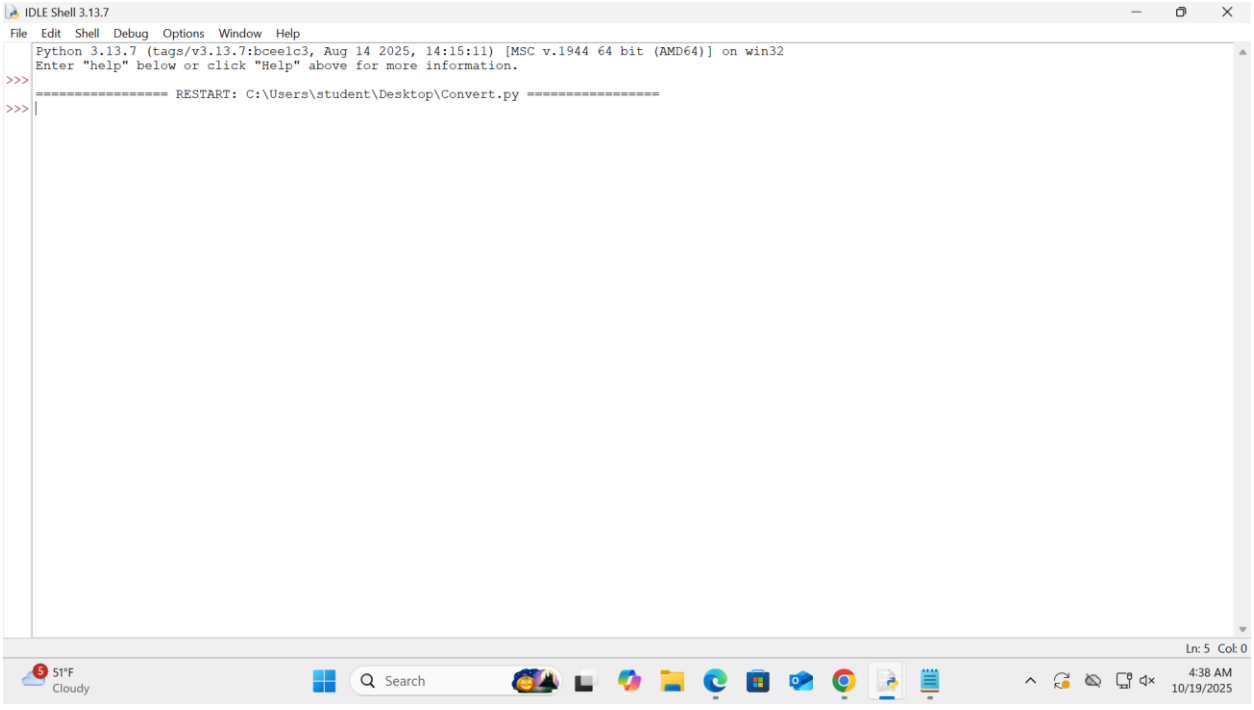
1. The code example blocks here form a series of items that are interrelated. You may find this also easier to do in a script instead of interactive. If you do go the way of a script, be sure to run it and capture the output.

Example: Finding the Mode of a list of Values

Page 135

1. The code example block at the bottom of the page and spills over to the top of the next page. Finish it up on this one and capture the screen shots as needed. This one too may be one you prefer to do in a script instead of the interactive mode.





The Case Study on Psychotherapy is not included for grabbing screen shots but you should read through for learning opportunities.