**Presentation Notes:**

1. What are the four functions of a computer program listed on the lesson slide?
2. Provide an example of a computer input that is not listed on the lesson slide.
3. Provide an example of a computer output that is not listed on the lesson slide.
4. Provide another example of how a computer input affects a computer output that is not listed on the lesson slide.
5. Provide an example of how changing the program changes how computer inputs affect computer outputs that is not listed on the lesson slide.
6. What are some examples of devices that are not traditional computers but that make use of computer programs?
7. Provide another example of a device that makes use of a computer program that is not listed on the lesson slide.
8. What is another term for a computer program?
9. What are some ways that computer software is different from computer hardware?
10. How are computer programs written?
11. Why are computer programs composed of many lines of computer code?
12. List some examples of different computer languages.
13. List some of the benefits of the Python computer language.
14. Once you finish this course, how could you answer someone who asks you "Do you know how to program in Java?"
15. Could you use Microsoft Word to write a computer program? Explain.
16. What does IDE stand for?
17. What are some features of an Integrated Development Environment?
18. What are some factors to consider when choosing an Integrated Development Environment?
19. What is the name of the IDE that we will be using to create our Python programs?
20. What version of Python will we be using?
21. Draw a sketch of the Repl interface showing the three work areas (panels)
    1. Label each panel
    2. Summarize the function of each panel

**Student Questions:**

1. Create an account for yourself at www.repl.it
   1. Review the "Terms of Service" to verify that you can legally use this service.

* 1. Follow the previous discussed guidelines regarding use of personal information

1. List the part of the "Terms of Service” that verifies that you can legally use this service.

* You must be at least age 13 or older to create an Account or use the Services.
* You agree not to alter or modify any part of the Service.
* You agree to not use the Service to attack or tamper with other websites, services, and individuals.
* You agree not to interfere with or take action that results in any interference with or distribution of the Service or networks connected to the Service.

* You agree not use or launch any automated system, including without limitation, “robots” “spiders”, or “offline readers” that access the Service in a manner that sends more request messages to the Nonreason servers in a given period of time than a human can reasonably produce in the same period by using a conventional online web browser.
* By creating an Account on our Service, you agree that, from time to time, we may contact you to notify you about certain changes or additions to the Service or regarding your use of the Service.

1. Explain some of the rights that you give away to Repl.it regarding content you create using their service?

* Your address, telephone number, and email address.
* We may terminate or suspend your account and bar access to the Service immediately, without prior notice or liability.
* Your use of the Service is at your sole risk
* If we find out that your age under 13 we terminate your account and remove all the information from yours account

1. Create a new Python repel and call it "Hello World".
2. Copy and paste the following program into the program panel (white area)

userName = input("Please type your name: ");

print("Hello", userName, "welcome to Python!")

1. Run the program to see what it does. (If necessary, fix the quotation marks so it runs properly.)
   1. Explain how the program works.

So basically you have copy the exact information which is on question five on the white part of where you are making the python account, then if you look at on the right side, the same information will show their too, then you would type down your user name and press enter.

* 1. Explain how you fixed the program (if necessary)

When I copied the program on the white area it didn’t do anything, so in that case I wondered what is that green ‘Run’ button at the top, so I pressed it and then it started working and could type out that program on the black area.

1. Try using the console pane (black area) to perform some simple calculations and run some one-line programs.
   1. Summarize some of your calculations.

* 8+2=10
* 10-99=-89

1. Try using the file management pane to add some files and folders to your repl.

* 1. Summarize some of your additions.
* I added Python Calculations
* And the main page is there.