**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.
   2. Follow the previous discussed guidelines regarding use of personal information
2. List the part of the "Terms of Service" that verifies that you can legally use this service.

To the maximum extent permitted by law, you agree to defend, indemnify and hold harmless Neoreason and its licensee and licensors, and their employees, contractors, agents, officers and directors and assigns from and against any and all claims, damages, obligations, losses, liabilities, costs or debt, and expenses (including but not limited to attorney's fees), resulting from or arising out of a) your use and access of the Service, by you or any person using your account and password; b) your breach or violation of these Terms, c) User Content posted on the Service and/or d) your violation of any law or regulation.

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

By posting User Content on certain portions of the Services or through certain features or functionalities of the Services, such User Content may be automatically subject to an open source license. Additional terms and conditions related to open source licensing on the Services can be found at this link, https://repl.it/site/docs/licensing, and such terms and conditions are hereby incorporated into this Agreement by reference.

1. Create a new Python repl 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.

The program asks you to type your name then it puts your name in this sentence “Hello (your name) welcome to Python!”

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

No fixing of the program was needed

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.

1+1

2

5+6

11

23+69

92

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

I added some folders with random names and then I put files with random names also then I added some code but the code did not go through the console pane.