Introduction into Python Worksheet

Respond to the following questions in good detail and in your own words.

1. What is python?
2. How does Python use whitespace? How is this different from JavaScript?
3. What are the different variable types that you can use in Python?
4. Provide an example of how you would create each of the above variables if you were writing out a piece of code.
5. How do you create single-line comments in Python? How is this different from JavaScript?
6. Provide an example of how you would use a FOR loop in Python. When would a FOR loop be useful?
7. Provide an example of a CONDITIONAL statement in Python. How is this setup different from JavaScript?
8. How do you create a function in Python? How is this different from JavaScript? Provide an example.
9. How do you allow a user to type something into your program in Python? Provide an example of code.
10. Go to the following website and proceed through the tutorials available there - <http://cscircles.cemc.uwaterloo.ca/>