Assignment 2

The due date for submitting this assignment has passed.

Due on 2019-08-21, 23:59 IST.

1. What of the following will not result in declaring a data type of float?
   - X = float(15)
   - X = 15.0
   - X = float(10)
   - X = float('10')

   Accepted Answers:
   X = float(15)
   X = 15.0
   X = float('10')
   X = float(10)

2. Which function can be used to combine elements of a sequence to produce a list of tuples?
   - zip
   - map
   - reduce
   - accumulate

   Accepted Answers:
   zip
   map
   reduce
   accumulate

3. Which characteristics describe the Python programming language?
   - It is a compiled language
   - It is an open-source language
   - It is an interpreted language
   - It is an assembly language

   Accepted Answers:
   It is an open-source language
   It is an interpreted language
   It is an assembly language

4. By default, how many spaces are coded intended when using the Python IDE?

   Accepted Answers:
   4

5. When using the Jupyter Notebook and a code block, what triggers the interpreter to begin evaluating the block of code?
   - The exclamation mark symbol
   - The closed parentheses
   - The escape command
   - A short delay

   Accepted Answers:
   A short delay

6. Which statement will correctly assign a as an integer number?
   - X = pass
   - X = float('10')
   - X = int('10')
   - X = str('10')

   Accepted Answers:
   X = int('10')

7. Which of the following can be used to exit a while loop before the condition has been evaluated as True?
   - break
   - exit
   - stop
   - stop

   Accepted Answers:
   break

8. Which statement will result in a slice of a list?
   - x = [1, 2, 3, 4, 5]
   - x[1:3]
   - x[::2]
   - x[-3]

   Accepted Answers:
   x[1:3]

9. What methods can be used with the tuple object?
   - Append
   - Index
   - Remove
   - Sorted

   Accepted Answers:
   Sorted

10. If List = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10] then print List[4:6] will give
    - [5, 6]
    - [6, 7]
    - [5, 6, 7]
    - [6, 7, 8]

   Accepted Answers:
   [5, 6]