Assignment 3

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Instruct:
------

1) What is the value of the following expression?
   \[
   \text{sum(20+[-5])} \quad (3.3, 3.8)
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)

2) What is the value of the following expression?
   \[
   \text{len(0.330)} \quad (0.0, 0.0, 0.5)
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)

3) What is the type of the following function?
   \[
   f(x) = \sqrt{x^2 + 1}
   \]
   \[
   \begin{array}{|c|}
   \hline
   \text{I} & \text{J} & \text{K} & \text{L} \\
   \hline
   1 & 2 & 3 & 4 \\
   \hline
   \end{array}
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)

4) What is the value of the following expression?
   \[
   \text{let x = y} \quad (1.5, 0.5, 1.0)
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)

5) What is the value of the following expression?
   \[
   \text{length ("Hello World")} \quad (2.0, 2.5, 3.0)
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)

6) What is the position of \( (2, 2) \) in the following infinite list?
   \[
   \begin{array}{|c|}
   \hline
   \text{Position} & \text{Value} \\
   \hline
   1 & 1 \\
   2 & 2 \\
   3 & 3 \\
   \hline
   \end{array}
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: Number)

7) Where does \( (2, 2) \) occur in the following infinite list?
   \[
   \begin{array}{|c|}
   \hline
   \text{Index} & \text{Value} \\
   \hline
   1 & 1 \\
   2 & 2 \\
   3 & 3 \\
   \hline
   \end{array}
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: Number)

8) Consider the following definition of the function \( \text{mynext}\).
   \[
   \text{mynext} (x) = x + 1
   \]
   \[
   \text{mynext} (1) = 2
   \]
   This is the most general type for the argument?
   \[
   x = \text{int} \\
   x = \text{float} \\
   x = \text{double} \\
   x = \text{char}
   \]
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (Type: String)