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**Assignment: Chapter 1**

**Question 3**

**>>> 1+**

**File "<interactive input>", line 1**

**1+**

**^**

**SyntaxError: invalid syntax**

*# Python is complaining* **invalid syntax as** *the statement is incomplete*



**>>>1+9=**

**File "<interactive input>", line 1**

**1+9=**

**^**

**SyntaxError: cannot assign to operator**

*# Python is complaining that no value can be stored inside an operator “+”*



**>>> 9= 10 \* 8**

**File "<interactive input>", line 1**

**9= 10 \* 8**

**^**

**SyntaxError: cannot assign to literal**

**>>>y**

**Traceback (most recent call last):**

**File "<interactive input>", line 1, in <module>**

**NameError: name 'y' is not defined**

*# The name “y” has not been defined on the computer memory, the interpreter does not recognize “y”*

**Question 4**

**>>>print("hello")**

**hello**

**>>> "hello"**

**'hello'**

This first command above is an expression and it prints the content in the quotation mark as supplied while the second command sees “hello” as a value, hence, the interpreter returned the ***value which is of the datatype: string***

**Question 6**

**At the immediate mode (Python Prompt)**

**>>> 6+4\*9**

**42**

# The expression was evaluated and the result was displayed at the immediate mode

**At the Script mode**

**6+4\*9**

>>>

\*\*\* Remote Interpreter Reinitialized \*\*\*

# Nothing was displayed when the program was run in a script mode, Script expects complete statements. Expressions are not evaluated automatically

**At the Script mode**

**print (6+4\*9)**

**>>>**

**\*\*\* Remote Interpreter Reinitialized \*\*\***

**42**

# The expression was evaluated and the result “42” was displayed as result of the “print” # function