***4000CEM Programming & Algorithms***

***April 2024***

***Tutorial Chapter 1***

**Question 1**

Insert the missing part of the code below to output "Hello World".

("Hello World")

**Question 2**

Complete the code block, print "YES" if 5 is larger than 2.

Hint: remember the indentation.

if 5 > 2:



**Question 3**

Comments in Python are written with a special character, which one?

This is a comment

**Question 4**

Use a multiline string to make a multiline comment:



This is a comment

written in

more than just one line



**Question 5**

Create a variable named carname and assign the value Volvo to it.

 = ""

**Question 6**

Create a variable named x and assign the value 50 to it.

 = 

**Question 7**

Display the sum of 5 + 10, using two variables: x and y.

 = 

y = 10

print(x  y)

**Question 8**

Create a variable called z, assign x + y to it, and display the result.

x = 5

y = 10

 = x + y

print()

**Question 9**

Insert the correct syntax to assign values to multiple variables in one line:

x y z = "Orange", "Banana", "Cherry"

**Question 10**

Insert the correct syntax to assign the same value to all three variables in one code line.

x  y  z  "Orange"

**Question 11**

The following code example would print the data type of x, what data type would that be?

x = 5

print(type(x))

**int**

**Question 12**

The following code example would print the data type of x, what data type would that be?

x = "Hello World"

print(type(x))

str

**Question 13**

The following code example would print the data type of x, what data type would that be?

x = 20.5

print(type(x))

float

**Question 14**

The following code example would print the data type of x, what data type would that be?

x = ["apple", "banana", "cherry"]

print(type(x))

list

**Question 15**

The following code example would print the data type of x, what data type would that be?

x = ("apple", "banana", "cherry")

print(type(x))

tuple

**Question 16**

The following code example would print the data type of x, what data type would that be?

x = {"name" : "John", "age" : 36}

print(type(x))

**dict**

**Question 17**

The following code example would print the data type of x, what data type would that be?

x = True

print(type(x))

**bool**