**Quiz 1**

1. **Which of the following is not a valid data type in Python?**

a) int

b) float

c) char

d) str

1. **What is the correct syntax to print "Hello, World!" in Python?**

a) print("Hello, World!")

b) display("Hello, World!")

c) write("Hello, World!")

d) echo("Hello, World!")

1. **Which of the following is a valid variable name in Python?**

a) 123\_variable

b) my-variable

c) my\_variable

d) my variable

1. **What is the data type of the value "Hello" in Python?**

a) int

b) float

c) str

d) bool

1. **Which operator is used for retrieving remainder of a division in Python?**

a) /

b) //

c) %

d) \*\*

1. **Which of the following is a built-in function in Python?**

a) my\_function

b) print

c) display

d) show

1. **Which keyword is used to define a conditional statement in Python?**

a) if

b) while

c) for

d) switch

1. **What is the output of the following code?**

x = 10

if x > 5:

print("x is greater than 5")

else:

print("x is less than or equal to 5")

a) x is greater than 5

b) x is less than or equal to 5

c) The code will have an error.

d) Nothing will be printed.

1. **Which keyword is used to break out of a loop in Python?**

a) break

b) continue

c) stop

d) exit

1. **What is the output of the following code?**

for i in range(5):

print(i)

a) 0 1 2 3 4

b) 1 2 3 4 5

c) 5 4 3 2 1

d) None

**True or False:**

1. Python is a case-sensitive language.
2. Python is a compiler based language
3. The // operator in Python performs integer division.
4. Python is Object Oriented language
5. The else block in an if statement is optional.
6. The while loop continues as long as a condition is true.
7. The break statement can be used to exit a for loop.
8. The continue statement skips the current iteration of a loop.
9. Nested loops can be used to create complex patterns and structures.

**Single word answer:**

1. Who created Python and when?
2. Variables beginning with \_ \_ are called as ?
3. What are the 2 types of Type Casting conversions in python?
4. What does Arithmetic operator ‘\*\*’ return?