# W2 - Python Academy - Entry level - Knowledge Check 1

mid-term evaluation

Points: 75/100          Time: 27:16

✕ **Incorrect**    0/5 Points

1

Check Syntax *

```
>>> month = "12"
>>> print ("there are still many months in the year") if month < 11 else print("bye year!
```

☑ Expected behavior

☑ Valid Syntax

☐ Unexpected behavior

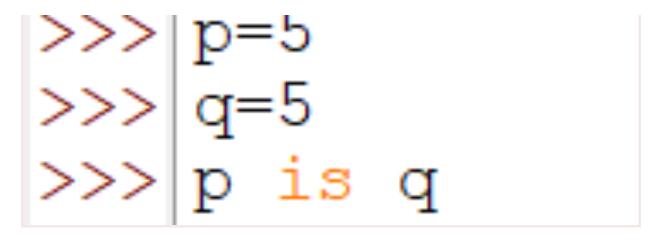☐ Invalid Syntax

✓ **Correct**    5/5 Points

2

What is IDLE? *

○ A version of python

◉ An acronym that stands for Integrated Development and Learning Environment for Python

○ An acronym that stands for Interactive Development and Learning Extension

✓ **Correct**    5/5 Points

3

A keyword is a word that: *

☑ Cannot be used as a function name

☐ Is the most important word in the whole program

☑ Cannot be used as a variable name

✕ **Incorrect**    0/5 Points

4

Right-sided binding means that the following expression:

4 ** 2 ** 1

will be evaluated: *

○ in random order

◉ from the left to right

○ from right to left

✓ **Correct**   5/5 Points

5

What happens if you perform this operation:
b = "hello" * 4 *

◯ b contains hhhheeeellllllloooo

⦿ b contains hellohellohellohello

◯ ValueError

◯ SyntaxError

✓ **Correct**   5/5 Points

6

Check Syntax *

```
>>> code = 10
>>> print("Code less than 10") if code < 11 else print("uff many lines
```

⦿ Valid Syntax

◯ Invalid Syntax

✓ **Correct**   5/5 Points

7

Python is: *

◯  Low level Programming language

◯  Natural Language

◉  High level Programming language

◯  Machine Language

✓ **Correct**   5/5 Points

8

## The most important difference between integer and floating-point numbers lies in the fact that: *

◉  They are stored differently in the computer memory

◯  Integers cannot be literals, while floats can

◯  They cannot be used simultaneously in same line

✓ **Correct**   5/5 Points

9

## How did Python, the language, get its name? *

◯  Guido van Rossum named it after seeing the snake

◉  Guido van Rossum named it to honor Monty Pyhton's

◯  Guido van Rossum named it to honor Python of Glory, the theater musical

✓ **Correct**　5/5 Points

10

What do you call a tool that lets you launch your code step-by-step and inspect it at each moment of execution *

○ An Editor

○ A console

○ the IDLE

◉ A debugger

✓ **Correct**　5/5 Points

11

Which of the following statements are true? *

☐ Addition precedes multiplication

☐ The ** operator only works with integers

☐ The result of the / operator is always an integer value

☑ The right argument of the % operator cannot be zero

✓ **Correct**　5/5 Points

12

Check Syntax *

```
>>> p=5
>>> q=5
>>> p is q
```

☐ Unexpected behavior

☐ Syntax Error

☐ Invalid Syntax

☑ Valid Syntax

☑ Expected behavior

✕ **Incorrect**   0/5 Points

13

A complete set of known commands is called: *

○ a machine list

○ a low-level list

○ an instruction list

⦿ other

✕ **Incorrect**   0/5 Points

14

The b prefix means that the string after it is denoted as: *

◯ a ascii

◯ a unicode

◯ a bytes

⦿ Other

✓ **Correct**   5/5 Points

15

What do you call a computer program which directly executes instructions
written in a programming language *

◯ A compiler

◯ A translator

⦿ An interpreter

✓ **Correct**   5/5 Points

16

The scape character owes its name to the fact that it *

○ escapes from source files into the computer memory

◉ changes the meaning of the character next to it

○ cannot be caught due to its high speed

✓ **Correct**    5/5 Points

17

Witch of the following variable name are illegal? *

☑ and

☑ True

☐ TRUE

☐ true

✕ **Incorrect**    0/5 Points

18

What is a source code? *

○ A program written in a high-level programming language

○ Machine code executed by computers

◉ another name for a source file

✓ **Correct**   5/5 Points

19

What do you call a computer program which executes instructions written in a programming language after processing *

○ A translator

◉ A compiler

○ An interpreter

✓ **Correct**   5/5 Points

20

The 0x prefix means that the number after it is denoted as: *

○ a decimal

◉ a hexadecimal

○ a binnary

○ a octal

○ Other

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