Practice Quiz: Hello World

TOTAL POINTS 5

1. What are functions in Python?   1 / 1 point

   ◯ Functions let us to use Python as a calculator.

   ◉ Functions are pieces of code that perform a unit of work.

   ◯ Functions are only used to print messages to the screen.

   ◯ Functions are how we tell if our program is functioning or not.

   > ✓ **Correct**
   >
   > Right on! Python functions encapsulate a certain action, like outputting a message to the screen in the case of print().

2. What are keywords in Python?   1 / 1 point

   ◉ Keywords are reserved words that are used to construct instructions.

   ◯ Keywords are used to calculate mathematical operations.

   ◯ Keywords are used to print messages like "Hello World!" to the screen.

   ◯ Keywords are the words that we need to memorize to program in Python.

   > ✓ **Correct**
   >
   > You got it! Using the reserved words provided by the language we can construct complex instructions that will make our scripts.

3. What does the print function do in Python?

   ○ The print function generates PDFs and sends it to the nearest printer.

   ○ The print function stores values provided by the user.

   ◉ The print function outputs messages to the screen

   ○ The print function calculates mathematical operations.

   ✓ **Correct**

   You nailed it! Using the print() we can generate output for the user of our programs.

4. Output a message that says "Programming in Python is fun!" to the screen.

```
1  print("Programming in Python is fun!")
```
Run

Reset

   ✓ **Correct**

   Great work! We're just starting but programming in Python can indeed be a lot of fun.

5. Replace the ___ placeholder and calculate the Golden ratio: $\frac{1+\sqrt{5}}{2}$.

   Tip: to calculate the square root of a number x, you can use x**(1/2).

```
1  ratio = (1+(5**(1/2)))/2
2  print(ratio)
```
Run

Reset

   ✓ **Correct**

   Awesome job! See how we can use Python to calculate complex values for us.