

Practice Quiz: Hello World

TOTAL POINTS 5

1. What are functions in Python?

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.

2. What are keywords in Python?

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.

3. What does the print function do in Python?

1 point

- ☐ 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.

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

1 point

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

Run

Reset

Programming in Python is fun!

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

1 point

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

2.118033988749895

I, **Gary Nigel Thomas**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.