Module 1 Graded Assessment

LATEST SUBMISSION GRADE

90%

1. What is a computer program?

- A file that gets printed by the Python interpreter.
- The syntax and semantics of Python.
- The overview of what the computer will have to do to solve some automation problem.
- A step-by-step recipe of what needs to be done to complete a task, that gets executed by the computer.

✓ Correct

Right on! Being able to write such programs is a super useful skill that you'll acquire through this course.

1/1 point

The checkout processes at a grocery store.

The process of getting a haircut.

✓ Correct

You got it! By replacing a manual step with an automatic one we create automation that helps us reduce unnecessary manual work.

- 4. What are some characteristics of the Python programming language? Check all that apply.
 - Python programs are easy to write and understand.



✓ Correct

Right on! Because the syntax used by Python is similar to the one used by the English language, Python programs are easy to write and understand.

The Python interpreter reads our code and transforms it into computer instructions.

✓ Correct

You nailed it! We write our code using Python's syntax and semantics, and the interpreter transforms that into instructions that our computer executes.

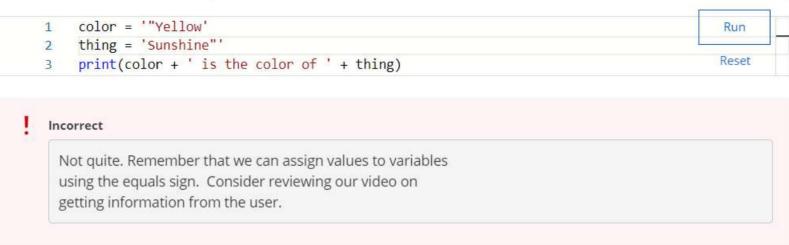
- It's an outdated language that's barely in use anymore.
- We can practice Python using web interpreters or codepads as well as executing it locally.



✓ Correct

Awesome! We can practice writing Python code with many different tools available to us, both online and offline.

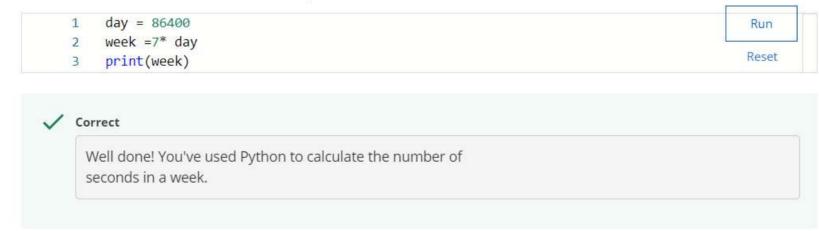




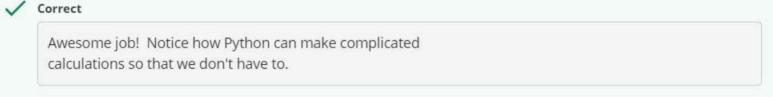
0 / 1 point

8. Keeping in mind there are 86400 seconds per day, write a program that calculates how many seconds there are in a week, 1/1 point if a week is 7 days. Print the result on the screen.

Note: Your result should be in the format of just a number, not a sentence.







10. Most hard drives are divided into sectors of 512 bytes each. Our disk has a size of 16 GB. Fill in the blank to calculate how 1/1 point many sectors the disk has.

1/1 point

Note: Your result should be in the format of just a number, not a sentence.

```
disk size = 16*1024*1024*1024
sector size = 512
sector amount = disk size//sector size
                                                                                    Run
                                                                                    Reset
print(sector amount)
```

✓ Correct