**Activities: Basic Python Syntax**

The activities on this page are designed to test your ability to meet the objectives for this lesson, which include:

* Create one-line and multiline expressions to perform basic tasks in Python.
* Include comments in a Python program.
* Declare and use [variables](https://academy.engagelms.com/mod/page/view.php?id=185566) in a Python program.
* Write a Python program that accepts user input.

To complete each activity, follow the instructions provided and run the code to ensure the code works as expected before moving on to the next activity.

**Activity 1**

Each of the code blocks below includes at least one error that will prevent it from running. Fix the errors and test to make sure the code runs as expected. Comments at the top of each block will tell you what the code should do.

**Block 1.1**

# Display the text in quotation marks to an output block.

Print("Python is fun!")

# Corrected code

print("Python is fun!")

**Block 1.2**

# Display the text in quotation marks to an output block

# without moving any of the existing code to a different line.

print("Python is fun!") print("Python is also easy.")

# Corrected code

print("Python is fun!"); print("Python is also easy.")

**Block 1.3**

# Display the text in quotation marks to an output block

# without moving any of the existing code to a different line.

print

("Python is fun!")

# Corrected code

print("Python is fun!")

**Block 1.4**

# Change each variable name to an appropriate name for Python.

# Do not use the same variable name more than one time.

1-name = "Rebecca"

last\_name = "Roberts"

# Corrected code

first\_name = "Rebecca"

last\_name = "Roberts"

**Block 1.5**

# After changing the variable names, update the code below

# to print out each name.

print(first\_name)

print(last\_name)

# Corrected code

print(first\_name)

print(last\_name)

**Activity 2**

Starting with the code blocks provided below, follow the instructions in the comments and add new code as needed. Run each block to make sure it works as expected before going to the next block.

**Block 2.1**

# Add a new line of code that displays the text in quotation marks

# to an output block without repeating the text in quotation marks.

output = "I love Python!"

print(output)

# Corrected code

output = "I love Python!"

print(output)

print(output)

**Block 2.2**

# Display only the text "Python is fun!" to an output block without

# deleting any of the existing code.

print("Python is fun!")

# Corrected code

print("Python is fun!")

print("Python is fun!")

**Activity 3**

Create a script that prompts the user for the name of the state or region where they were born and the name of the state or region where they currently live. Save each value to its own variable and display the input values to the user.

|  |
| --- |
| # Prompt the user for the state or region where they were born  born\_state = input("Enter the state or region where you were born: ")  # Prompt the user for the state or region where they currently live  current\_state = input("Enter the state or region where you currently live: ")  # Display the input  print("You were born in: " + born\_state)  print("You currently live in: " + current\_state) |

**Activity 4**

Starting with the code provided below, add code to print out the title and released\_in values.

Use an f-string to output the values in this format: Pirates of the Caribbean: 2003

title = "Pirates of the Caribbean"

released\_in = 2003

# Your code goes here

title = "Pirates of the Caribbean"

released\_in = 2003

Print the title and release year in the specified format

print(f"{title}: {released\_in}")