First steps

Task 1 . Output

**Step 1**

**Type** the Python program below in your development environment.

|  |  |
| --- | --- |
|  | print("Hello world!") |

**Step 2**

**Run** your program.

If you encounter an **error message**, read it and try to fix the problem.

|  |  |  |  |
| --- | --- | --- | --- |
| Use the list below to check for common errors (and tick ✓ if you find yours). | |  | If your error isn’t included in the list, write down how you fixed it. |
|  | misspelt print  (this includes using capitals) |  |  |
|  | missed one or both of print’s brackets |
|  | used square brackets instead of round brackets |
|  | missed one or both quotation marks around "Hello world!" |

**Step 3**

What was the **output** of the program, once you managed to run it successfully?

|  |
| --- |
|  |

**Step 4**

**Modify** the program so that it displays a different greeting to the user.

Task 2 . Assignment

**Step 1**

**Type** the Python program below in your development environment

(alternatively, you can **modify** the existing program from the previous task).

|  |  |
| --- | --- |
| 1  2 | user = "Claude"  print("Hello", user) |

**Step 2**

What do you **expect** the output of the program to be when you run it?

(Answer this question **before** you run the program.)

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|  |

**Step 3**

**Run** your program.

If you encounter an **error message**, read it and try to fix the problem.

|  |  |  |  |
| --- | --- | --- | --- |
| Use the list below to check for common errors (and tick ✓ if you find yours). | |  | If your error isn’t included in the list, write down how you fixed it. |
|  | missed one or both quotation marks around "Claude" |  |  |
|  | missed one or both of print’s brackets |
|  | missed one or both quotation marks around "Hello" |
|  | missed the comma between "Hello" and user |

**Step 4**

What was the **output** of the program, once you managed to run it successfully?

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|  |

**Step 5**

**Modify** the **assignment** on line 1, so that the program displays a different name when greeting the user. Make it display **your** name!

Task 3 .

**Step 1**

**Extend** the existing program from the previous task by typing in two similar additional statements. Note that line 4 is **incomplete**.

|  |  |
| --- | --- |
| 1  2  3  4 | user = "Claude"  print("Hello", user)  lucky = 13  print( ) |

**Step 2**

**Complete** line 4, so that the output of the program is:

Hello Claude

My lucky number is 13

Make sure that your program displays the value of the lucky variable, not just the number 13.

**Step 3**

**Run** your program.

If you encounter an **error message**, read it and try to fix the problem.

Write down any errors that you encountered and how you fixed them.

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|  |

Task 4 . Input

**Step 1**

**Modify** the first line of the existing program from the previous task.

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| --- | --- |
| 1  2  3 | print("What’s your name?")  user = input()  print("Hello", user) |

**Step 2**

**Run** your program.

If you encounter an **error message**, read it and try to fix the problem.

Write down any errors that you encountered and how you fixed them.

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| --- |
|  |

**Step 3**

Once you manage to run the program, you should see this prompt:

What’s your name?

The program is still running: it is executing the input function, which is waiting for the user to type something on the keyboard.

Type your name and press Enter. What is the output of the program?

|  |
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|  |

**Step 4**

**Run** your program again.

Type a different name and press Enter. What is the output of the program?

|  |
| --- |
|  |