01.02 Algorithms assessment

Assignment Overview: This assignment has two parts.

Part One: Use pseudocode to design a program that simulates a conversation with an online representative. For example, this could be UNICEF, a United Nations organization that promotes the rights and wellbeing of children around the world. Because it is so important to always begin coding using pseudocode, we have provided the pseudocode for this first assignment. Take a look at it now, along with the expected output, to understand what your program will be doing.

Provided pseudocode:

```
START

  Ask what their name is

  Say hi (using their name)

  Tell them something you know about
  computational thinking (or a great programming idea to change the world)

  Say bye (using their name)

END
```

Example of expected output: The output for your program should resemble the following screenshot. Your specific results will vary depending on the choices you make about the conversation and the input provided.

Translate the provided pseudocode to Python: Use the Python IDLE built into this course to code and run your program. Your code must:

- Run successfully and produce output similar to the example above.
- Follow the Python style conventions regarding indentation and the use of white space in your program.
- Use comments to include your name, today's date, and a short description of the program. See the example below:

```
# My Name

# Today's Date

# Program to simulate a conversation
```

Part Two: Generalize & Assess with a Post Mortem Review

Complete the Post Mortem Review (PMR). Write thoughtful two- to three-sentence responses to all the questions in the PMR chart.

Post Mortem Review Question	Response
What was the purpose of your program?	
How could your program be useful in the real world?	
What is a problem you ran into, and how did you fix it?	
Describe one thing you would do differently the next time you write a program.	
How could your program be generalized and useful in other areas?	