**Programming Exercise**

This PE is heavily based on the code you created in this week's HOS.

**Part 1 – Python Function**

In Visual Studio Code, create a Python function that calculates an age based on a year, month, and day.

Use the following code as starting point:

import datetime

def calculate\_age(year, month, day):

birth\_year = 1996

birth\_month = 2

birth\_day = 29

age = calculate\_age(birth\_year, birth\_month, birth\_day)

print(f"Your age is: {age}")

This code should produce the following:

Your age is: 27

**Part 2 – Creating an AWS Lambda**

Create an AWS Lambda with a function URL. Run a Test on the function without changing it.

[Print Screen]

**Part 3 – Adding Code**

Make a code change to run the function from Part 1 in the Function from Part 2. Run the function for the date 02/25/1991.

[Print Screen]

**Submit the items below to the PE submission page:**

1. The full URL for your function App
2. Each of the print screens indicated
3. An answer for each question (with screenshots if necessary) in the PE question document.
   * Ensure the PE module number and your name are written on the file name, e.g., "*PExx\_Name.docx").*