Solution Review: Calculate Sine, Cosine and Tangent of User Input

This lesson will explain how to use the built-in sin, cosine, and tangent function by importing the math module.

WE'LL COVER THE FOLLOWING

Solution: Import the Built-In Math Module

- Import the math library using `import math`
- Use the built-in function `math.sin(x)` , `math.cos(x)` , `math.tan(x)` function to calculate sin,cos, and tangent of variable x

The following python code demonstrates how to find the sine, cosine and tangent of a number using the built-in math module:

```
import math
def calculateSinCosTan(x):
  sine = math.sin(x)
  cos = math.cos(x)
  tan = math.tan(x)
  return [sine, cos, tan]

print("sine:", calculateSinCosTan(-1))
print("cos:", calculateSinCosTan(0))
print("tan:", calculateSinCosTan(1))
```

Let’s move on to the next problem.