Challenge 2: Calculate Sine, Cosine, and Tangent of User Input

In this challenge, you are required to calculate the sine, cosine, and tangent of variable x.

Problem Statement

Use the `calculateSinCosTan()` function; it takes a number `x` as a parameter and shows the result of the sine, cosine, and tangent of the number.

Input

A number

Output

Calculate the sine, cosine, and tangent of that number

Sample Input

0

Sample Output

[0, 1, 0]

Coding Exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Suggestion: Check the Python library reference for more details!

```python
import math
def calculateSinCosTan(x):
  #write your function here
  sine = 0#calculate sine
  cos = 0#calculate cosine
  tan = 0#calculate tangent
  return [sine, cos, tan]
```

Now, let's move on to the detailed solution review of the above problem.