**Task 1: Decorators in Python**

1. Creating a Simple Decorator

1. Create a simple function called my\_function that prints "Function is called".
2. Create a decorator function called my\_decorator that prints "Decorator had modified my\_function output" and override printing of decorated function.

**Solution**

def my\_decorator(fun):  
 def decorator\_fun():  
 return "Decorator had modified my\_function output"  
  
 return decorator\_fun  
  
@my\_decorator  
def my\_function():  
 print("Function is Called")  
 return  
  
print(my\_function())

**Output**

"C:\Program Files\Python312\python.exe" "C:/Users/sprakas4/OneDrive - Analog Devices, Inc/Work/PythonCodes/Intermediate Python Course/Capstone/Day2/Swaroop/Task1-Solution.py"

Decorator had modified my\_function output