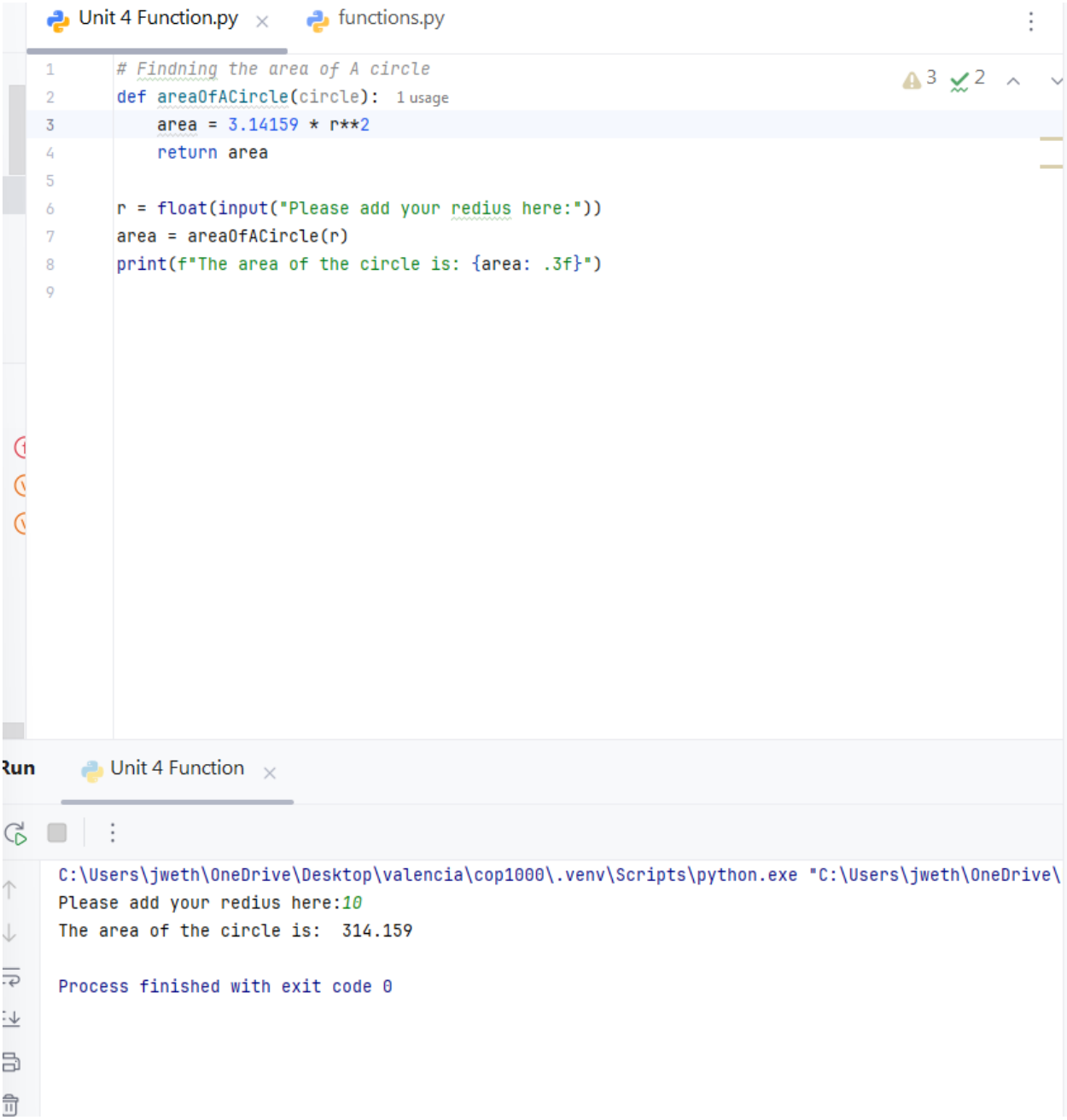
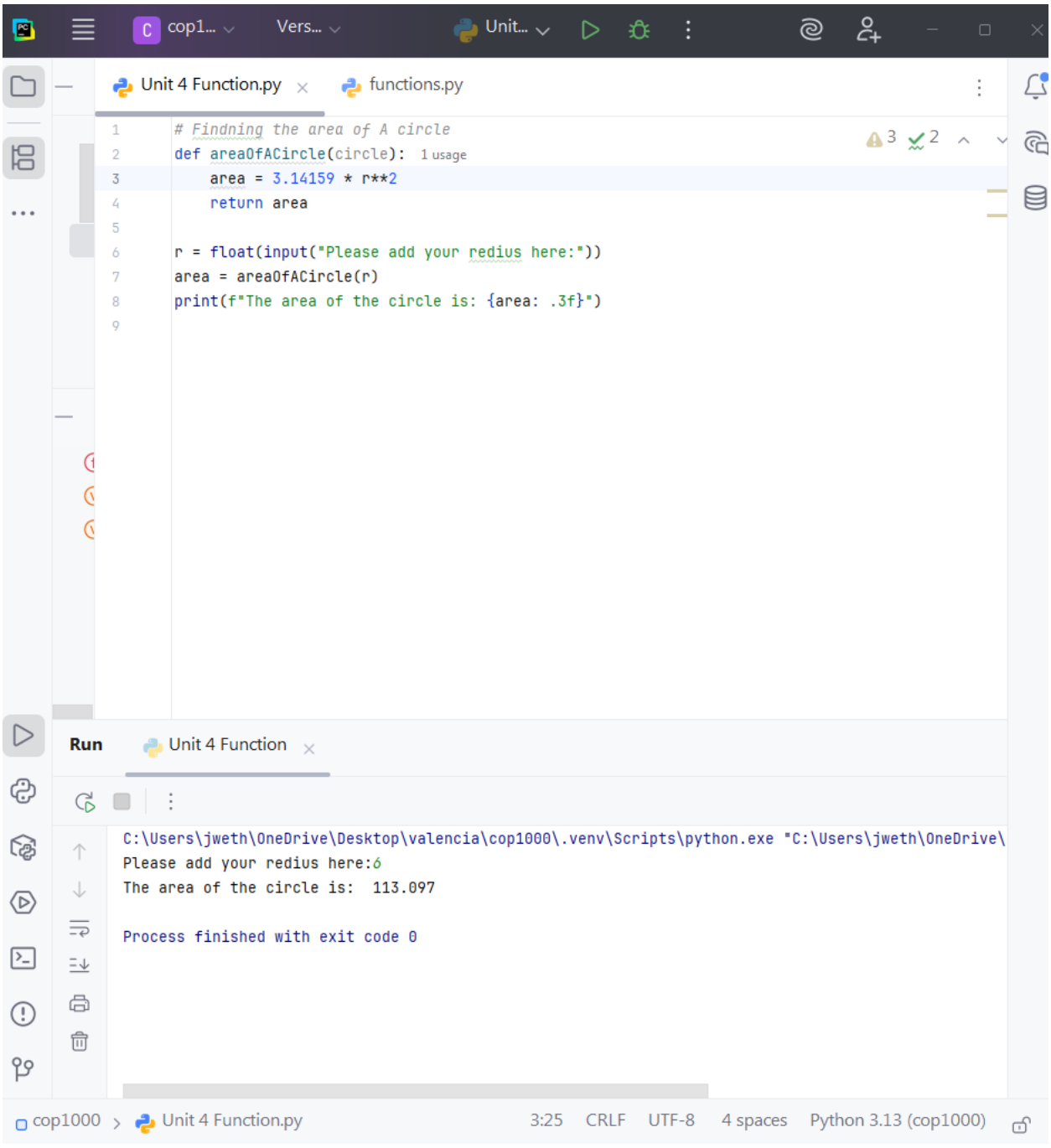
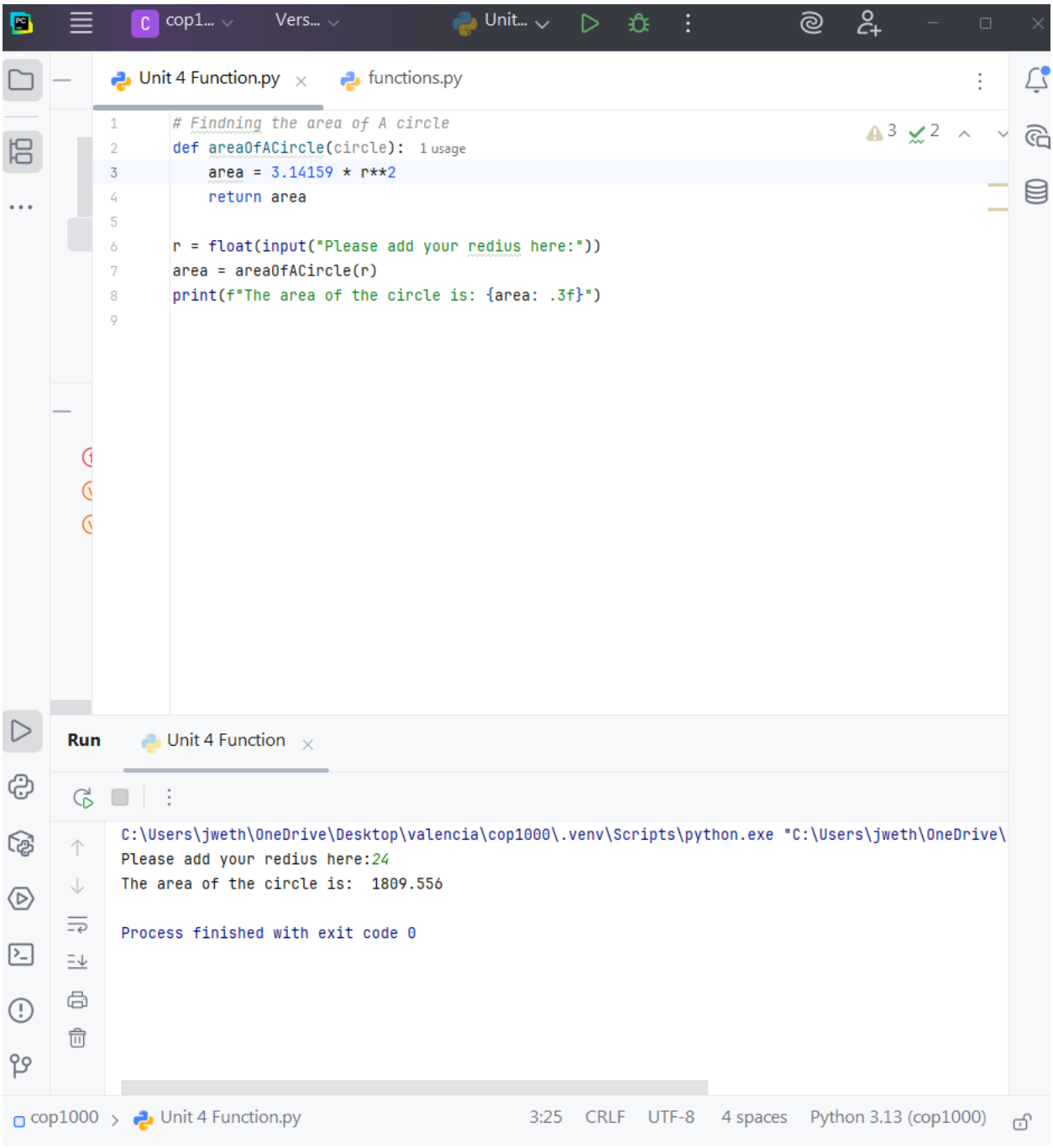
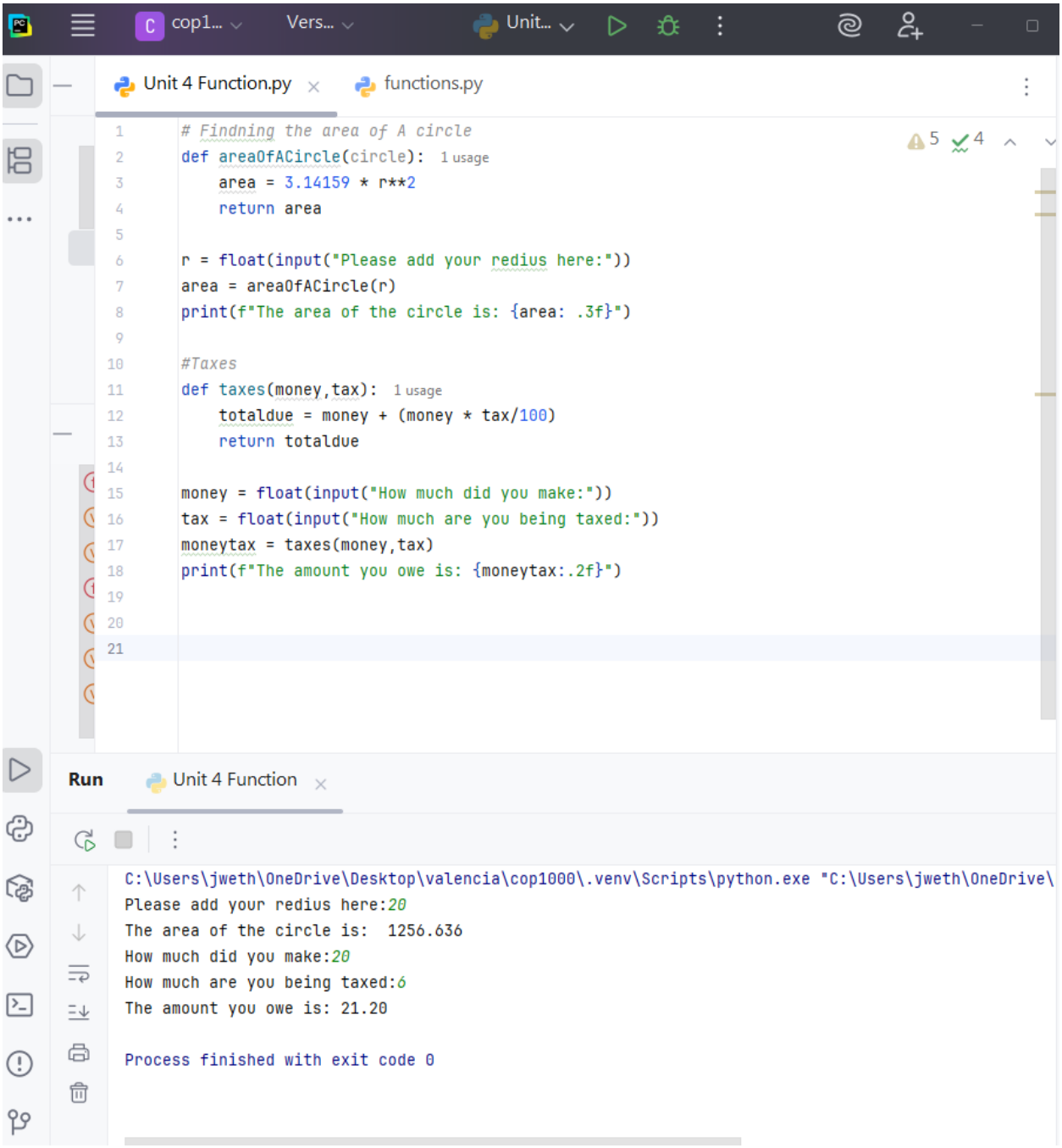
Area of a circle:

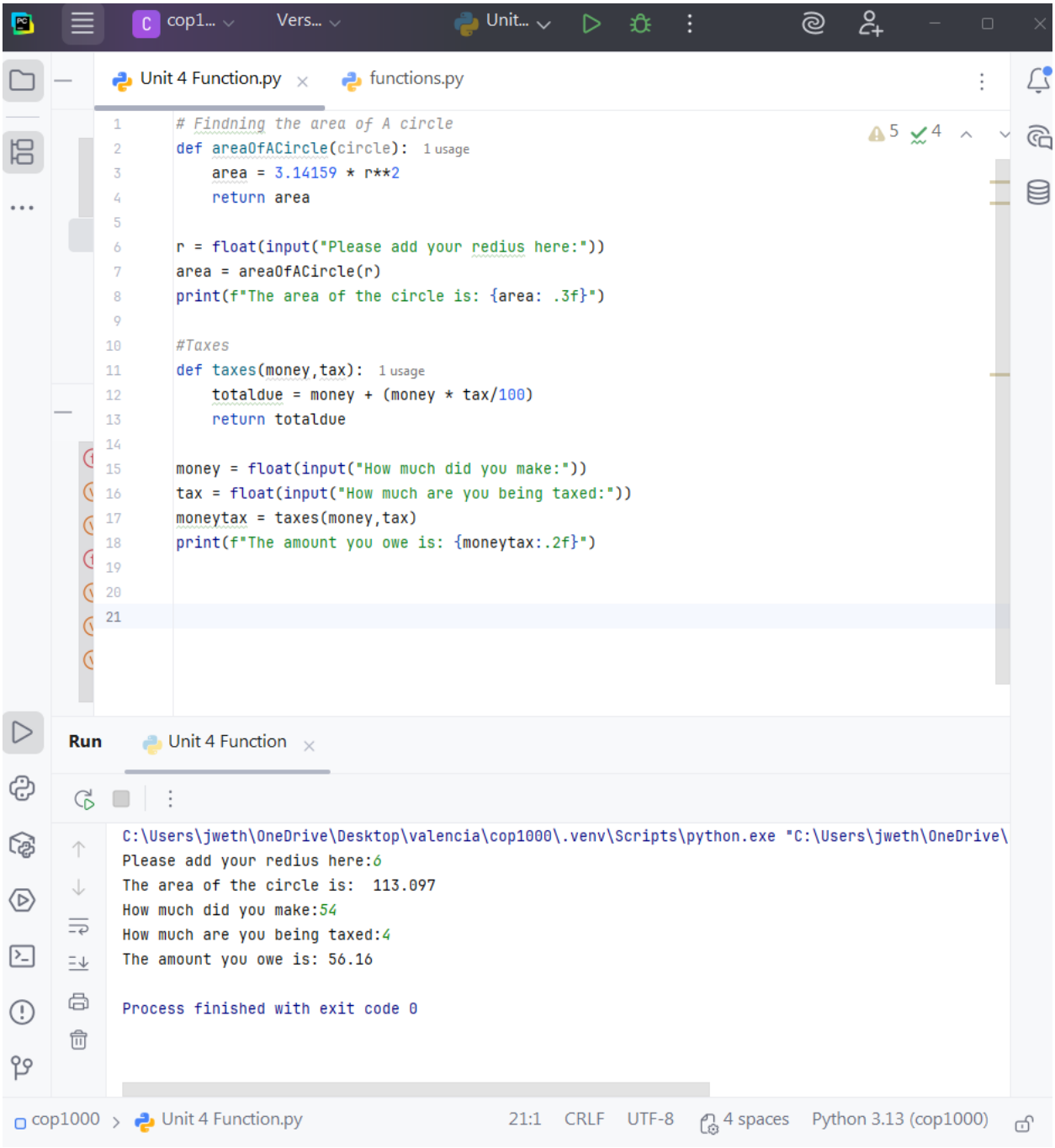


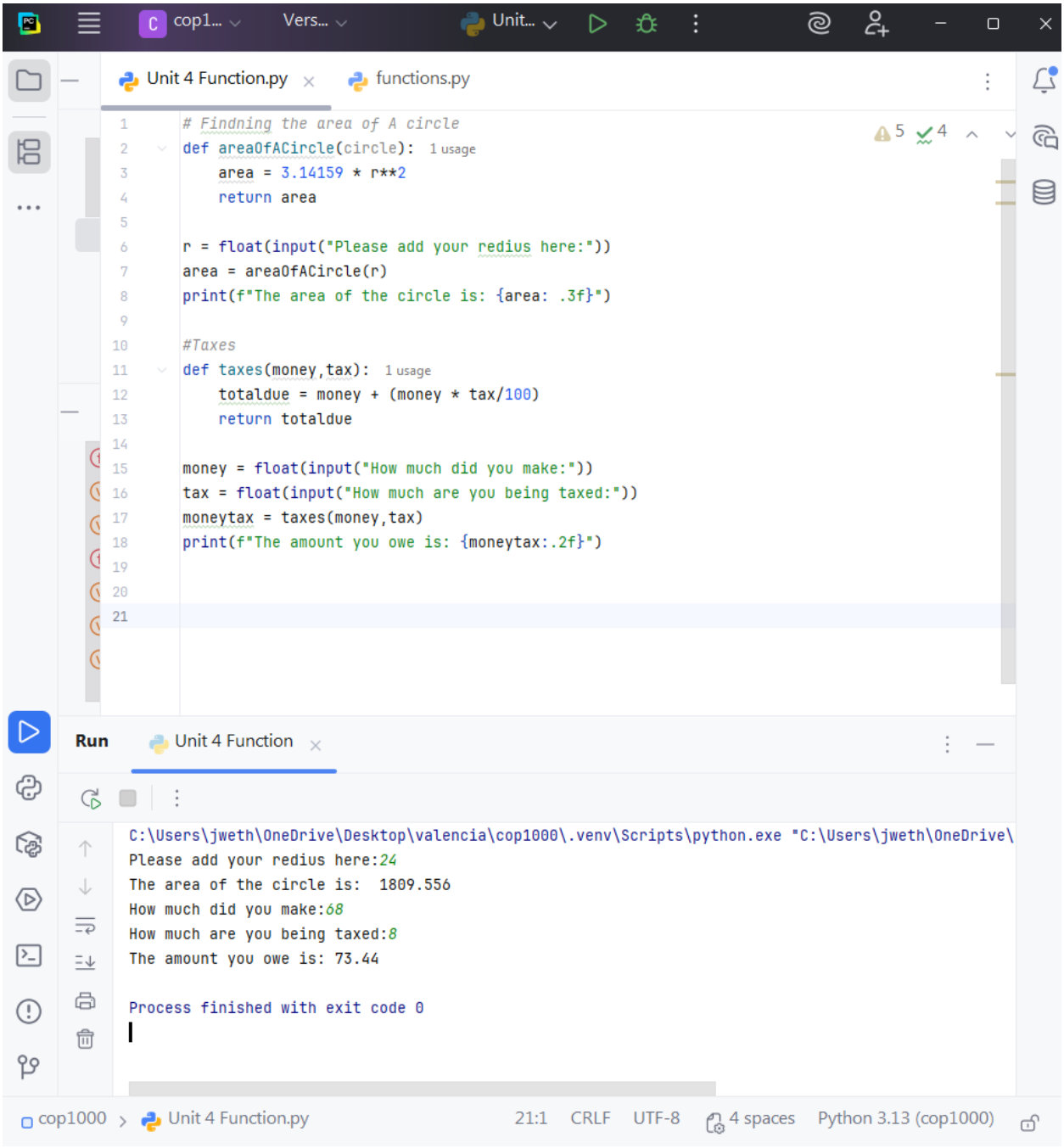

cop1...
Vers...
Unit...
Unit 4 Function.py
functions.py
Findning the area of A circle
def areaOfACircle(circle): 1 usage
area = 3.14159 * r**2
return area
r = float(input("Please add your redius here:"))
area = areaOfACircle(r)
print(f"The area of the circle is: {area: .3f}")
3
2
Run
Unit 4 Function
C:\Users\jweth\OneDrive\Desktop\valencia\cop1000\.venv\Scripts\python.exe "C:\Users\jweth\OneDrive\
Please add your redius here:6
The area of the circle is: 113.097
Process finished with exit code 0
cop1000
Unit 4 Function.py
3:25
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)


cop1...
Vers...
Unit...
Unit 4 Function.py
functions.py
Findning the area of A circle
def areaOfACircle(circle): 1 usage
area = 3.14159 * r**2
return area
r = float(input("Please add your redius here:"))
area = areaOfACircle(r)
print(f"The area of the circle is: {area: .3f}")
Run
Unit 4 Function
C:\Users\jweth\OneDrive\Desktop\valencia\cop1000\.venv\Scripts\python.exe "C:\Users\jweth\OneDrive\
Please add your redius here:24
The area of the circle is: 1809.556
Process finished with exit code 0
cop1000
Unit 4 Function.py
3:25
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)

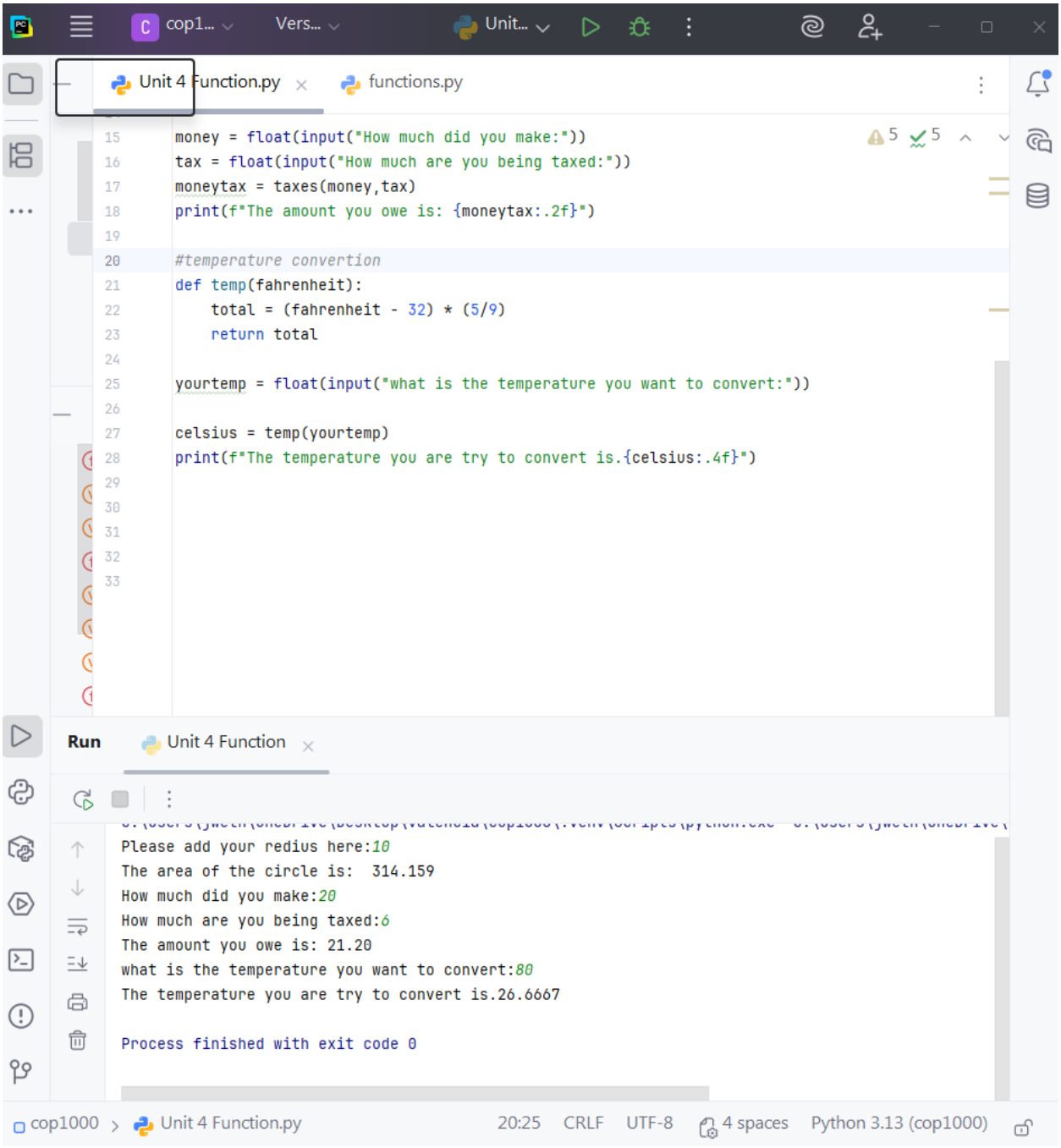
Taxes:

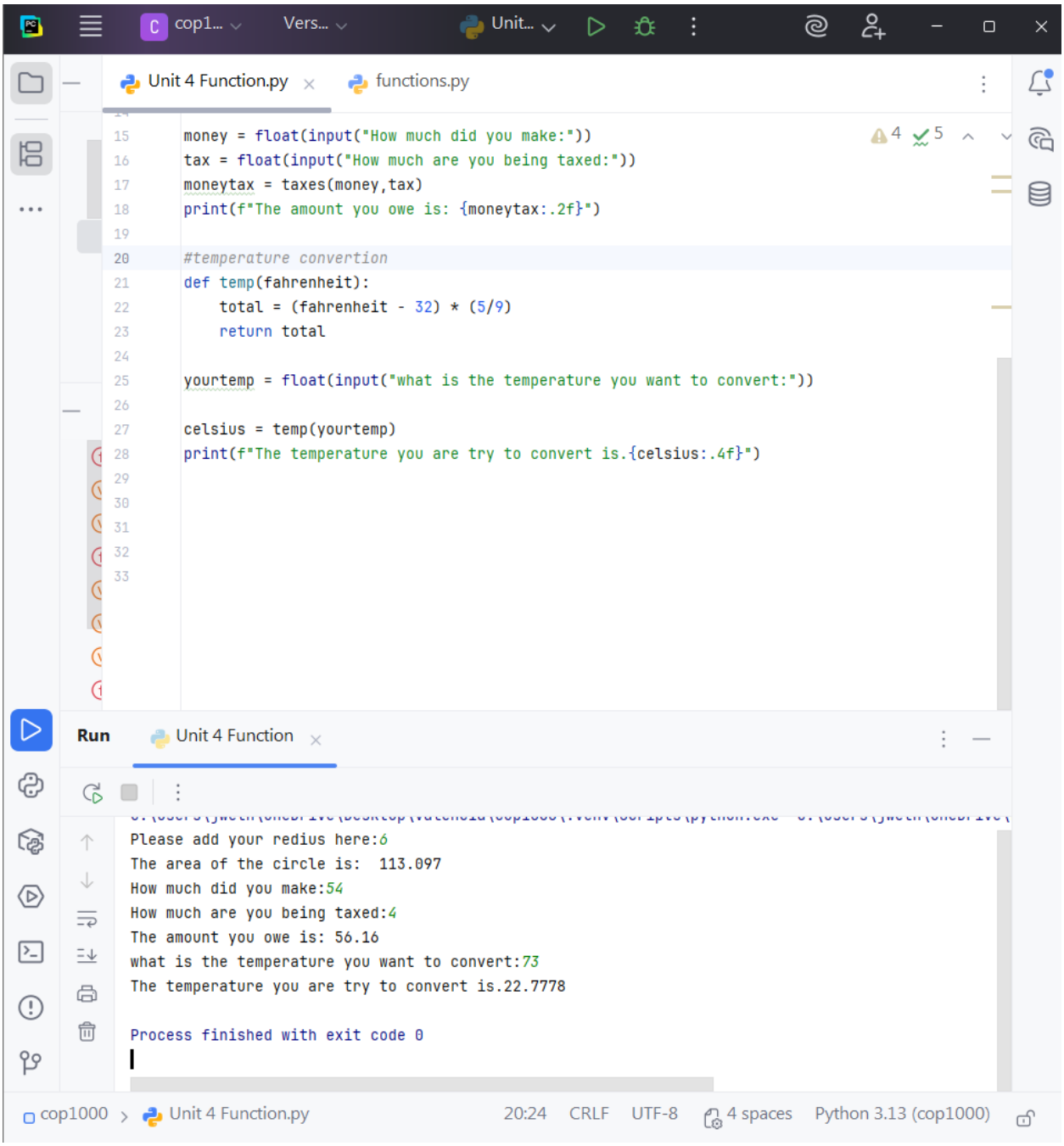

cop1...
Vers...
Unit...
Unit 4 Function.py
functions.py
Findning the area of A circle
def areaOfACircle(circle): 1 usage
area = 3.14159 * r**2
return area
r = float(input("Please add your redius here:"))
area = areaOfACircle(r)
print(f"The area of the circle is: {area: .3f}")
#Taxes
def taxes(money,tax): 1 usage
totaldue = money + (money * tax/100)
return totaldue
money = float(input("How much did you make:"))
tax = float(input("How much are you being taxed:"))
moneytax = taxes(money,tax)
print(f"The amount you owe is: {moneytax:.2f}")
Run
Unit 4 Function
C:\Users\jweth\OneDrive\Desktop\valencia\cop1000\.venv\Scripts\python.exe "C:\Users\jweth\OneDrive\
Please add your redius here:20
The area of the circle is: 1256.636
How much did you make:20
How much are you being taxed:6
The amount you owe is: 21.20
Process finished with exit code 0

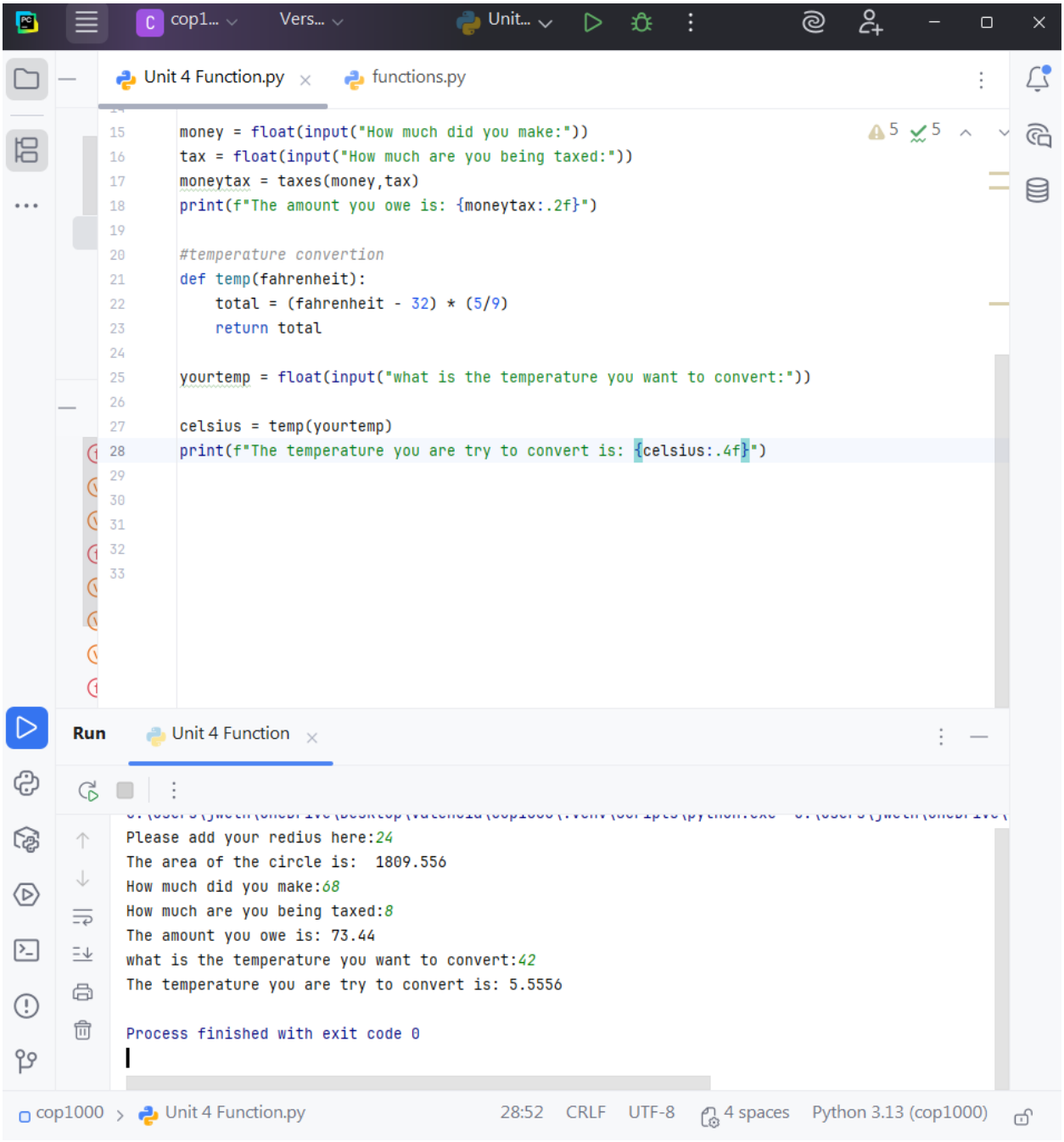

cop1...
Vers...
Unit...
Unit 4 Function.py
functions.py
Findning the area of A circle
def areaOfACircle(circle): 1 usage
area = 3.14159 * r**2
return area
r = float(input("Please add your redius here:"))
area = areaOfACircle(r)
print(f"The area of the circle is: {area: .3f}")
#Taxes
def taxes(money,tax): 1 usage
totaldue = money + (money * tax/100)
return totaldue
money = float(input("How much did you make:"))
tax = float(input("How much are you being taxed:"))
moneytax = taxes(money,tax)
print(f"The amount you owe is: {moneytax:.2f}")
Run
Unit 4 Function
C:\Users\jweth\OneDrive\Desktop\valencia\cop1000\.venv\Scripts\python.exe "C:\Users\jweth\OneDrive\
Please add your redius here:6
The area of the circle is: 113.097
How much did you make:54
How much are you being taxed:4
The amount you owe is: 56.16
Process finished with exit code 0
cop1000
Unit 4 Function.py
21:1
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)



Temperture output:


Unit 4 Function.py
functions.py
money = float(input("How much did you make:"))
tax = float(input("How much are you being taxed:"))
moneytax = taxes(money,tax)
print(f"The amount you owe is: {moneytax:.2f}")
#temperature convertion
def temp(fahrenheit):
total = (fahrenheit - 32) * (5/9)
return total
yourtemp = float(input("what is the temperature you want to convert:"))
celsius = temp(yourtemp)
print(f"The temperature you are try to convert is.{celsius:.4f}")
Run
Unit 4 Function
Please add your redius here:10
The area of the circle is: 314.159
How much did you make:20
How much are you being taxed:6
The amount you owe is: 21.20
what is the temperature you want to convert:80
The temperature you are try to convert is.26.6667
Process finished with exit code 0
cop1000
Unit 4 Function.py
20:25
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)


Unit 4 Function.py
functions.py
money = float(input("How much did you make:"))
tax = float(input("How much are you being taxed:"))
moneytax = taxes(money,tax)
print(f"The amount you owe is: {moneytax:.2f}")
#temperature convertion
def temp(fahrenheit):
total = (fahrenheit - 32) * (5/9)
return total
yourtemp = float(input("what is the temperature you want to convert:"))
celsius = temp(yourtemp)
print(f"The temperature you are try to convert is.{celsius:.4f}")
Run
Unit 4 Function
Please add your redius here:6
The area of the circle is: 113.097
How much did you make:54
How much are you being taxed:4
The amount you owe is: 56.16
what is the temperature you want to convert:73
The temperature you are try to convert is.22.7778
Process finished with exit code 0
cop1000
Unit 4 Function.py
20:24
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)


Unit 4 Function.py
functions.py
money = float(input("How much did you make:"))
tax = float(input("How much are you being taxed:"))
moneytax = taxes(money,tax)
print(f"The amount you owe is: {moneytax:.2f}")
#temperature convertion
def temp(fahrenheit):
total = (fahrenheit - 32) * (5/9)
return total
yourtemp = float(input("what is the temperature you want to convert:"))
celsius = temp(yourtemp)
print(f"The temperature you are try to convert is: {celsius:.4f}")
Run
Unit 4 Function
Please add your redius here:24
The area of the circle is: 1809.556
How much did you make:68
How much are you being taxed:8
The amount you owe is: 73.44
what is the temperature you want to convert:42
The temperature you are try to convert is: 5.5556
Process finished with exit code 0
cop1000
Unit 4 Function.py
28:52
CRLF
UTF-8
4 spaces
Python 3.13 (cop1000)