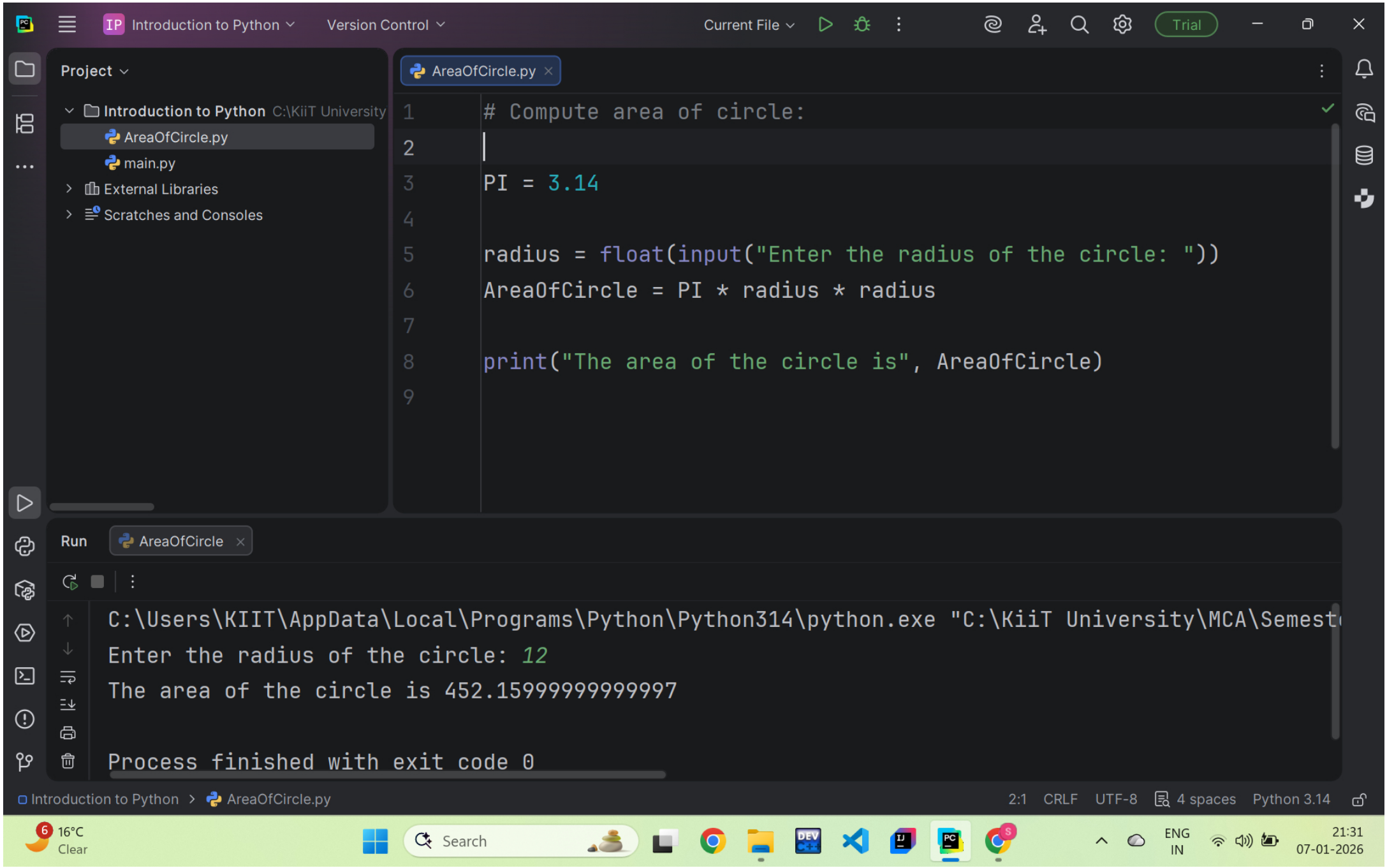
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# Compute area of circle:
PI = 3.14
radius = float(input("Enter the radius of the circle: "))
AreaOfCircle = PI * radius * radius
print("The area of the circle is", AreaOfCircle)
Run
AreaOfCircle
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest
Enter the radius of the circle: 12
The area of the circle is 452.15999999999997
Process finished with exit code 0
Introduction to Python > AreaOfCircle.py
2:1 CRLF UTF-8 4 spaces Python 3.14
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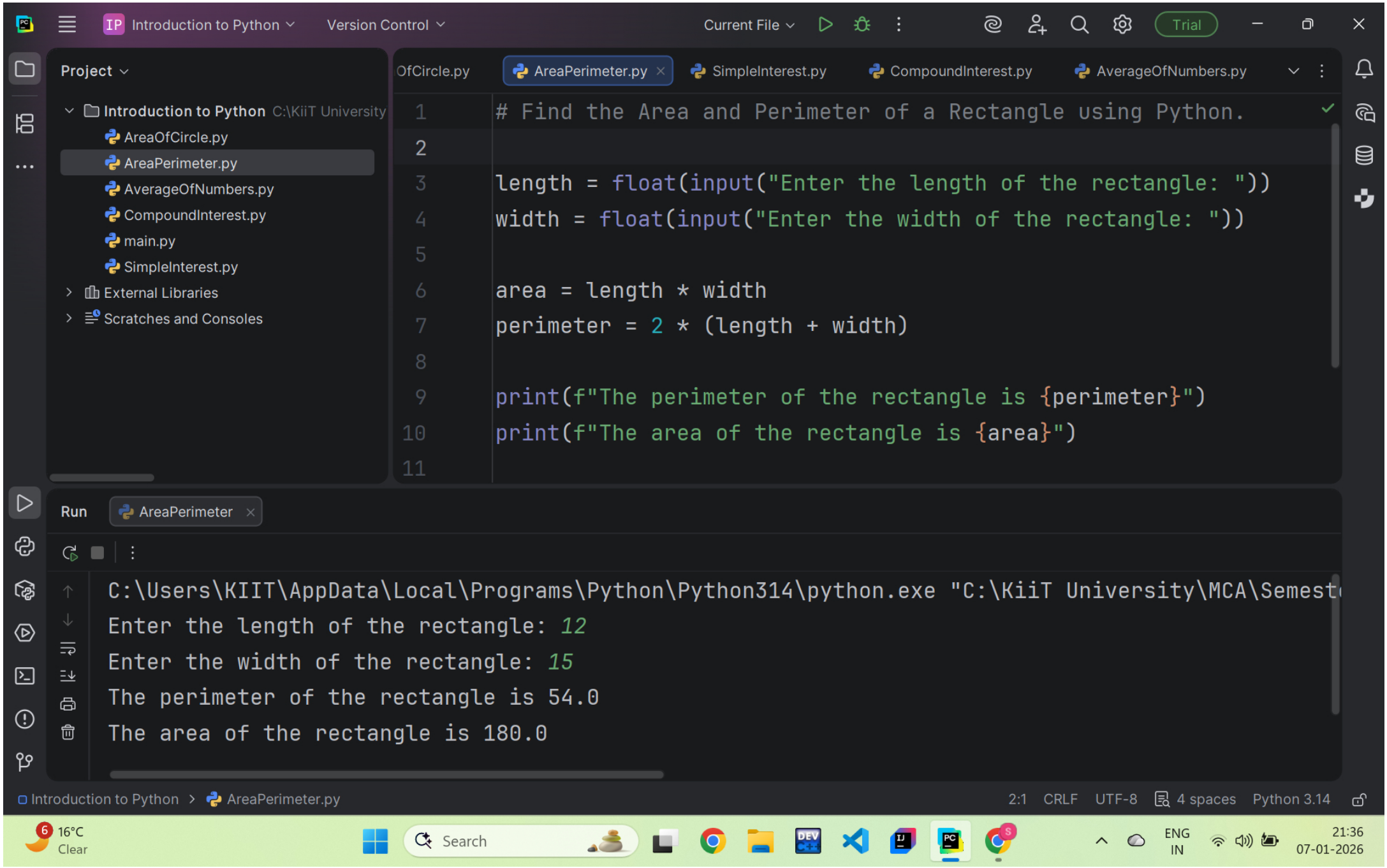
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# Find the Area and Perimeter of a Rectangle using Python.
length = float(input("Enter the length of the rectangle: "))
width = float(input("Enter the width of the rectangle: "))
area = length * width
perimeter = 2 * (length + width)
print(f"The perimeter of the rectangle is {perimeter}")
print(f"The area of the rectangle is {area}")
Run
AreaPerimeter
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest
Enter the length of the rectangle: 12
Enter the width of the rectangle: 15
The perimeter of the rectangle is 54.0
The area of the rectangle is 180.0
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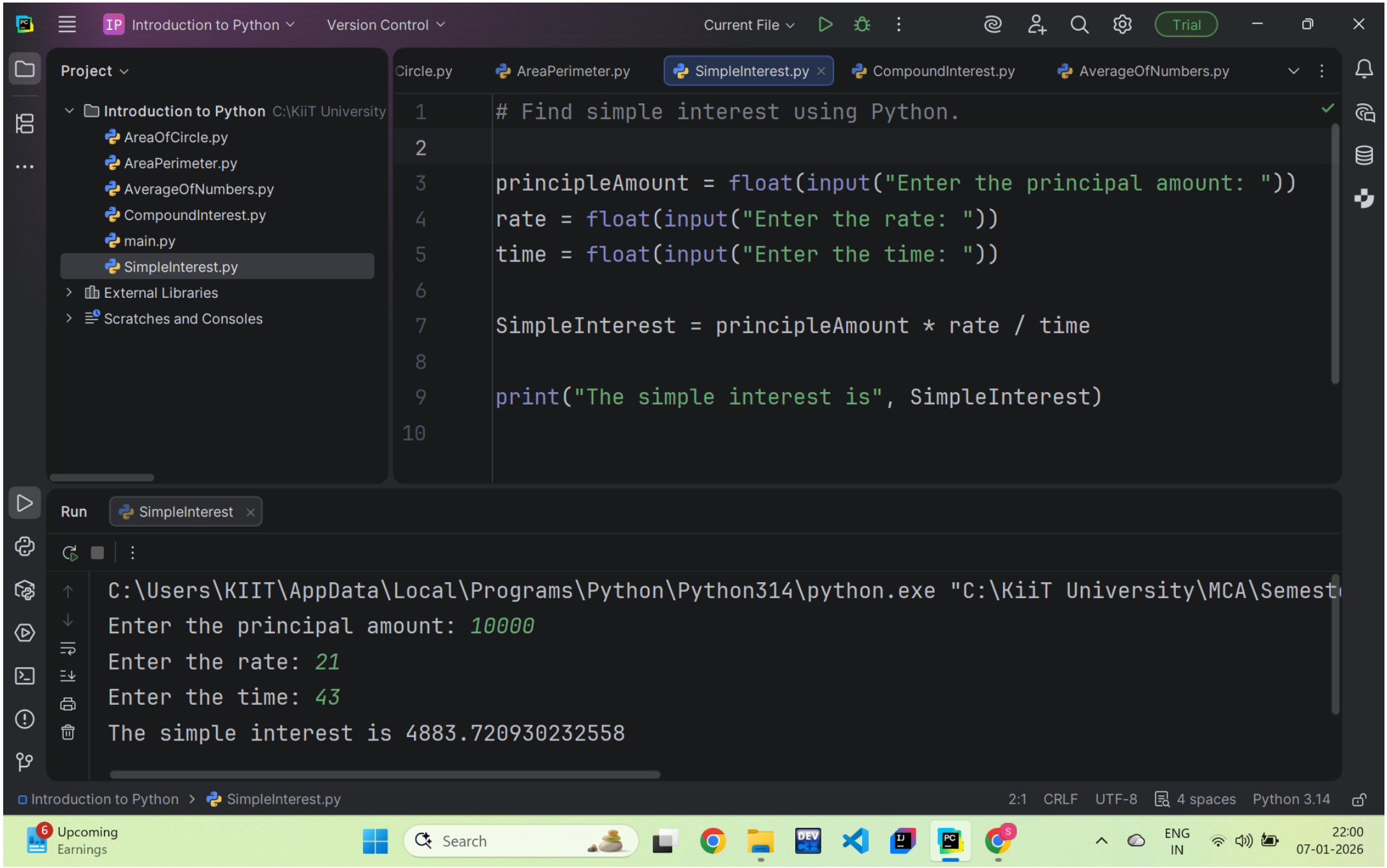
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# Find simple interest using Python.
principleAmount = float(input("Enter the principal amount: "))
rate = float(input("Enter the rate: "))
time = float(input("Enter the time: "))
SimpleInterest = principleAmount * rate / time
print("The simple interest is", SimpleInterest)
Run
SimpleInterest
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest
Enter the principal amount: 10000
Enter the rate: 21
Enter the time: 43
The simple interest is 4883.720930232558
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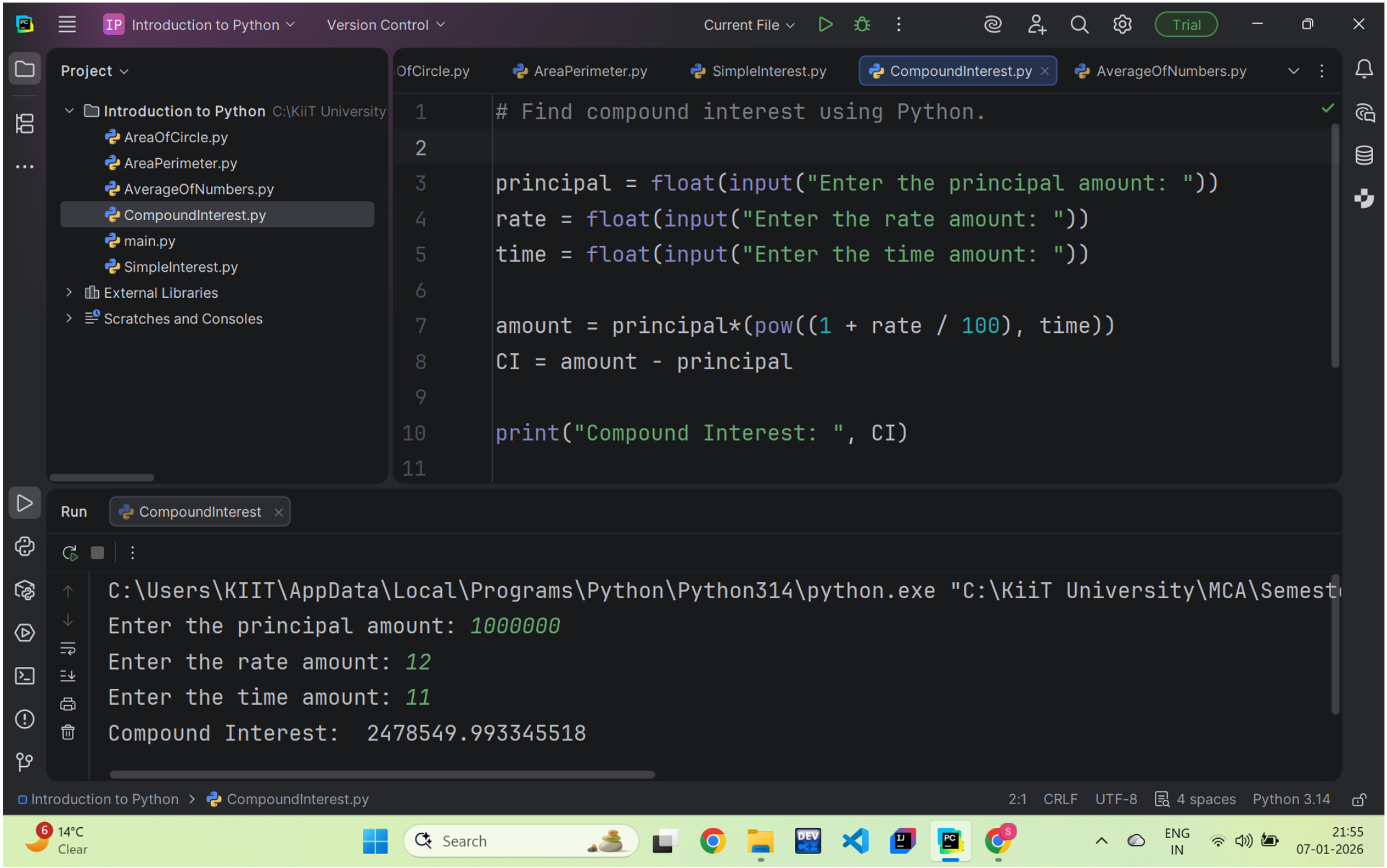
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# Find compound interest using Python.
principal = float(input("Enter the principal amount: "))
rate = float(input("Enter the rate amount: "))
time = float(input("Enter the time amount: "))
amount = principal*(pow((1 + rate / 100), time))
CI = amount - principal
print("Compound Interest: ", CI)
Run
CompoundInterest
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest
Enter the principal amount: 1000000
Enter the rate amount: 12
Enter the time amount: 11
Compound Interest: 2478549.993345518
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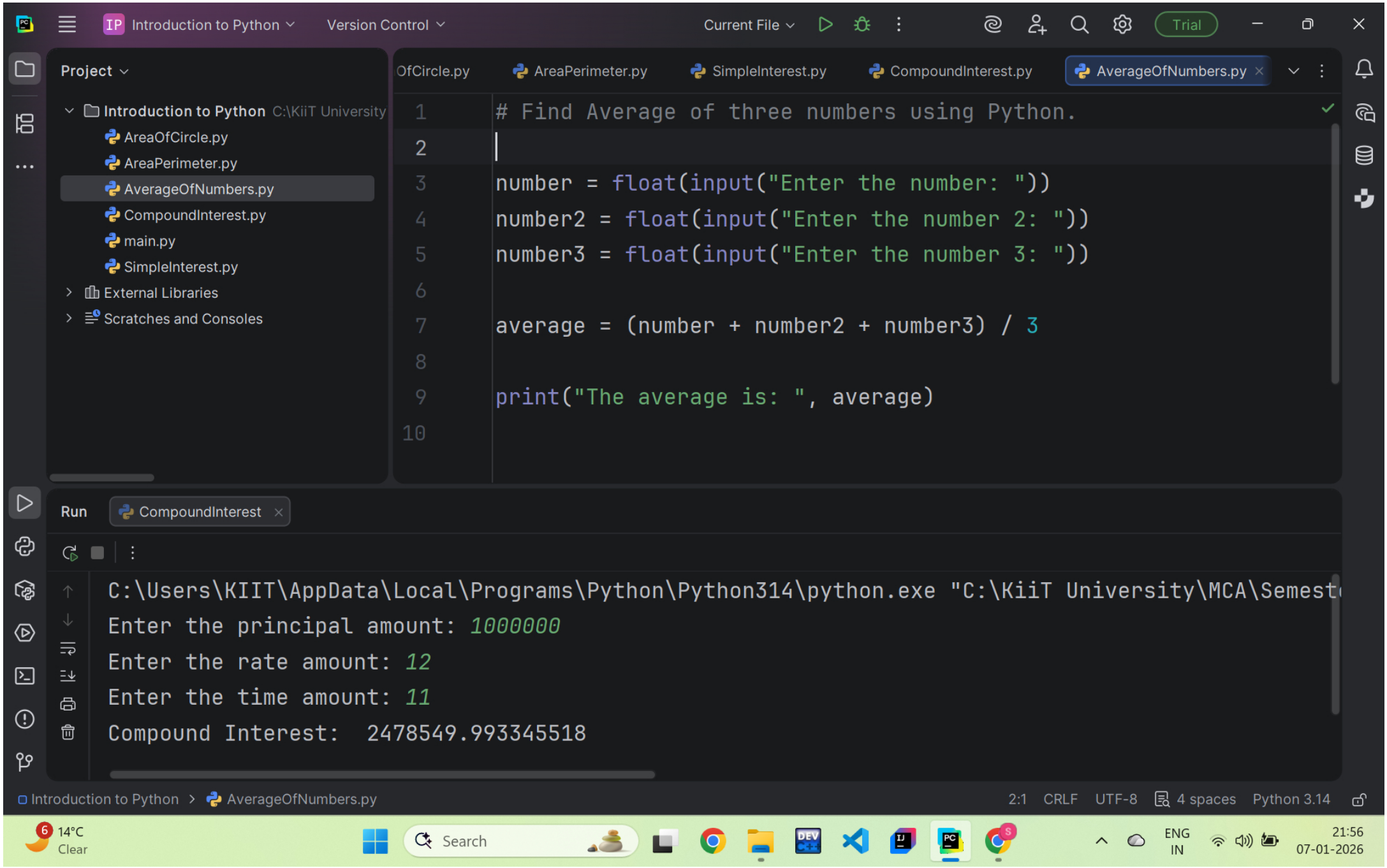
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# Find Average of three numbers using Python.
number = float(input("Enter the number: "))
number2 = float(input("Enter the number 2: "))
number3 = float(input("Enter the number 3: "))
average = (number + number2 + number3) / 3
print("The average is: ", average)
Run
CompoundInterest
C:\Users\KIIT\AppData\Local\Programs\Python\Python314\python.exe "C:\KiiT University\MCA\Semest
Enter the principal amount: 1000000
Enter the rate amount: 12
Enter the time amount: 11
Compound Interest: 2478549.993345518
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