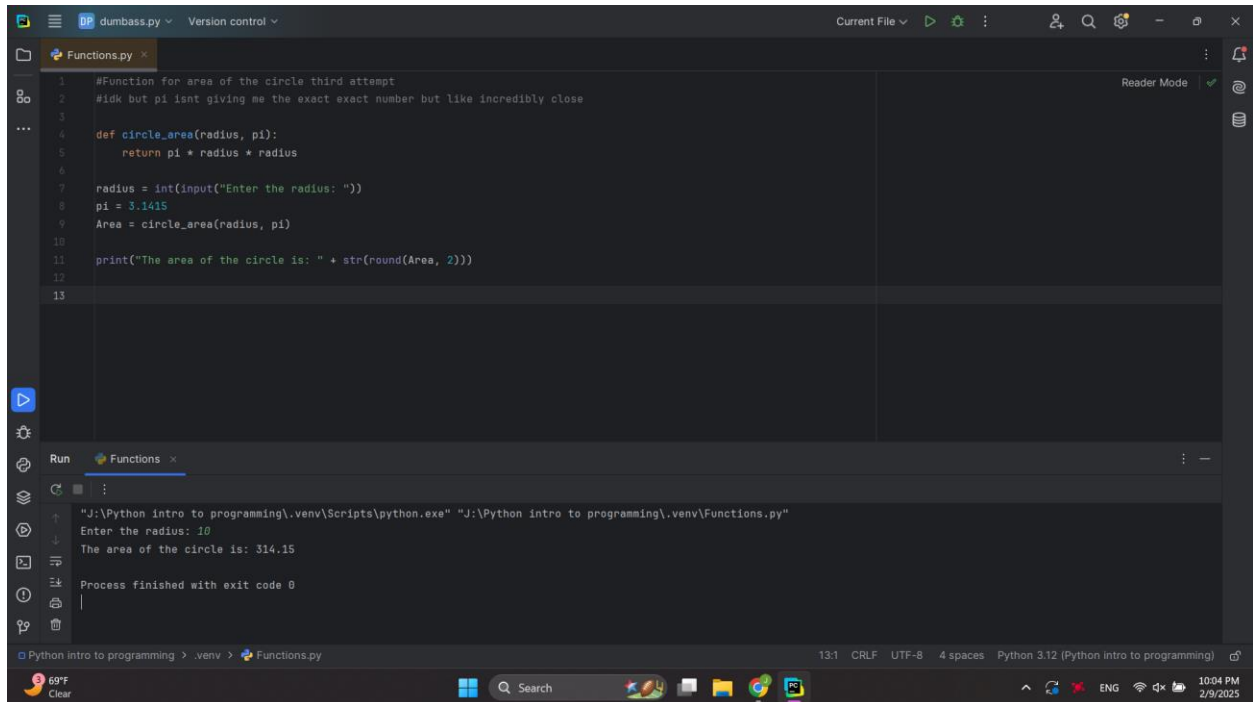


## Area of circle screenshots



```
1 #Function for area of the circle third attempt
2 #idk but pi isnt giving me the exact exact number but like incredibly close
3
4 def circle_area(radius, pi):
5     return pi * radius * radius
6
7 radius = int(input("Enter the radius: "))
8 pi = 3.1415
9 Area = circle_area(radius, pi)
10
11 print("The area of the circle is: " + str(round(Area, 2)))
12
13
```

Run Functions

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\.venv\Functions.py"

Enter the radius: 10

The area of the circle is: 314.15

Process finished with exit code 0

Python intro to programming > .venv > Functions.py 13:1 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

69°F Clear 10:04 PM 2/9/2025

```
1 #Function for area of the circle third attempt
2 #idk but pi isnt giving me the exact exact number but like incredibly close
3
4 def circle_area(radius, pi):
5     return pi * radius * radius
6
7 radius = int(input("Enter the radius: "))
8 pi = 3.1415
9 Area = circle_area(radius, pi)
10
11 print("The area of the circle is: " + str(round(Area, 2)))
12
13
```

Run Functions

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the radius: 1

The area of the circle is: 3.14

Process finished with exit code 0

> .venv > Functions.py 11:59 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

The image shows a Python IDE window with a file named `Functions.py`. The code defines a function `circle_area` and uses it to calculate the area of a circle based on user input. The IDE's Run console shows the execution output, including the user input and the final calculated area.

```
1 #Function for area of the circle third attempt
2 #idk but pi isnt giving me the exact exact number but like incredibly close
3
4 def circle_area(radius, pi):
5     return pi * radius * radius
6
7 radius = int(input("Enter the radius: "))
8 pi = 3.1415
9 Area = circle_area(radius, pi)
10
11 print("The area of the circle is: " + str(round(Area, 2)))
12
13
```

Run `Functions`

```
"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to p
Enter the radius: 6
The area of the circle is: 113.09

Process finished with exit code 0
```

.venv > `Functions.py` 13:1 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

The image shows a Python IDE window with a file named `Functions.py`. The code defines a function `circle_area` that takes a radius and pi as arguments, calculates the area, and prints the result rounded to two decimal places. The script prompts the user for the radius and outputs the area.

```
1 #Function for area of the circle third attempt
2 #idk but pi isnt giving me the exact exact number but like incredibly close
3
4 def circle_area(radius, pi):
5     return pi * radius * radius
6
7 radius = int(input("Enter the radius: "))
8 pi = 3.1415
9 Area = circle_area(radius, pi)
10
11 print("The area of the circle is: " + str(round(Area, 2)))
12
13
```

The Run console shows the execution of the script:

```
Run Functions
"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to p
Enter the radius: 24
The area of the circle is: 1809.5
Process finished with exit code 0
```

The status bar at the bottom indicates the file is `Functions.py`, the time is 11:56, the line ending is CRLF, the encoding is UTF-8, the indentation is 4 spaces, and the Python version is 3.12.

The image shows a Python IDE window with a file named `Functions.py`. The code defines a function `circle_area` that takes a radius and pi as arguments and returns the area. It then prompts the user for a radius, calculates the area using the function, and prints the result rounded to two decimal places.

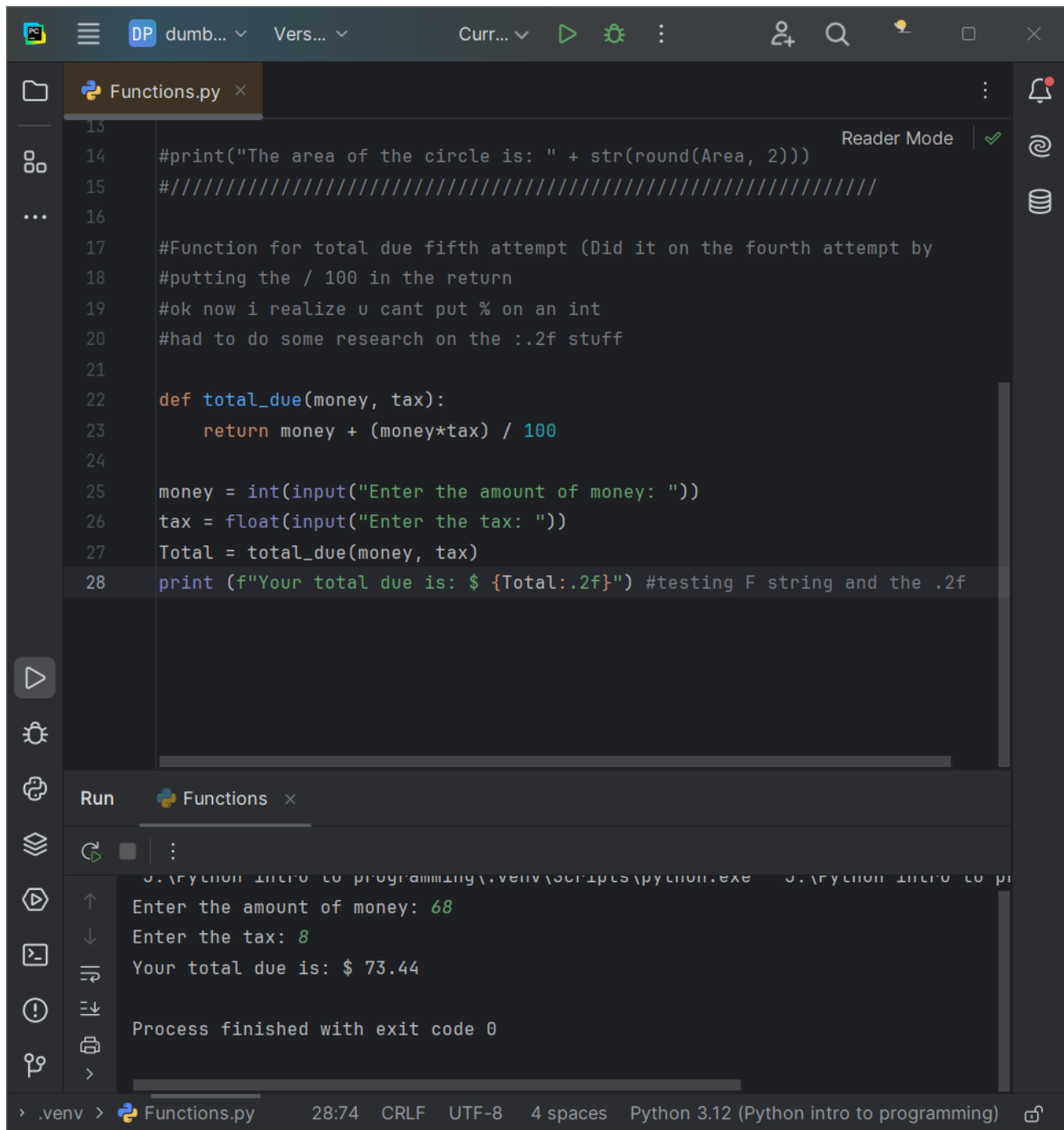
```
1 #Function for area of the circle third attempt
2 #idk but pi isnt giving me the exact exact number but like incredibly close
3
4 def circle_area(radius, pi):
5     return pi * radius * radius
6
7 radius = int(input("Enter the radius: "))
8 pi = 3.1415
9 Area = circle_area(radius, pi)
10
11 print("The area of the circle is: " + str(round(Area, 2)))
12
13
```

The Run console shows the execution of the script:

```
Run Functions
"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to p
Enter the radius: 2
The area of the circle is: 12.57
Process finished with exit code 0
```

The status bar at the bottom indicates the file is `Functions.py`, the time is 11:59, the line ending is CRLF, the encoding is UTF-8, the indentation is 4 spaces, and the Python version is 3.12.

## TOTAL DUE SCREENSHOTS



The screenshot shows a code editor with a file named `Functions.py`. The code defines a `total_due` function and includes input/output statements. The terminal at the bottom shows the execution results.

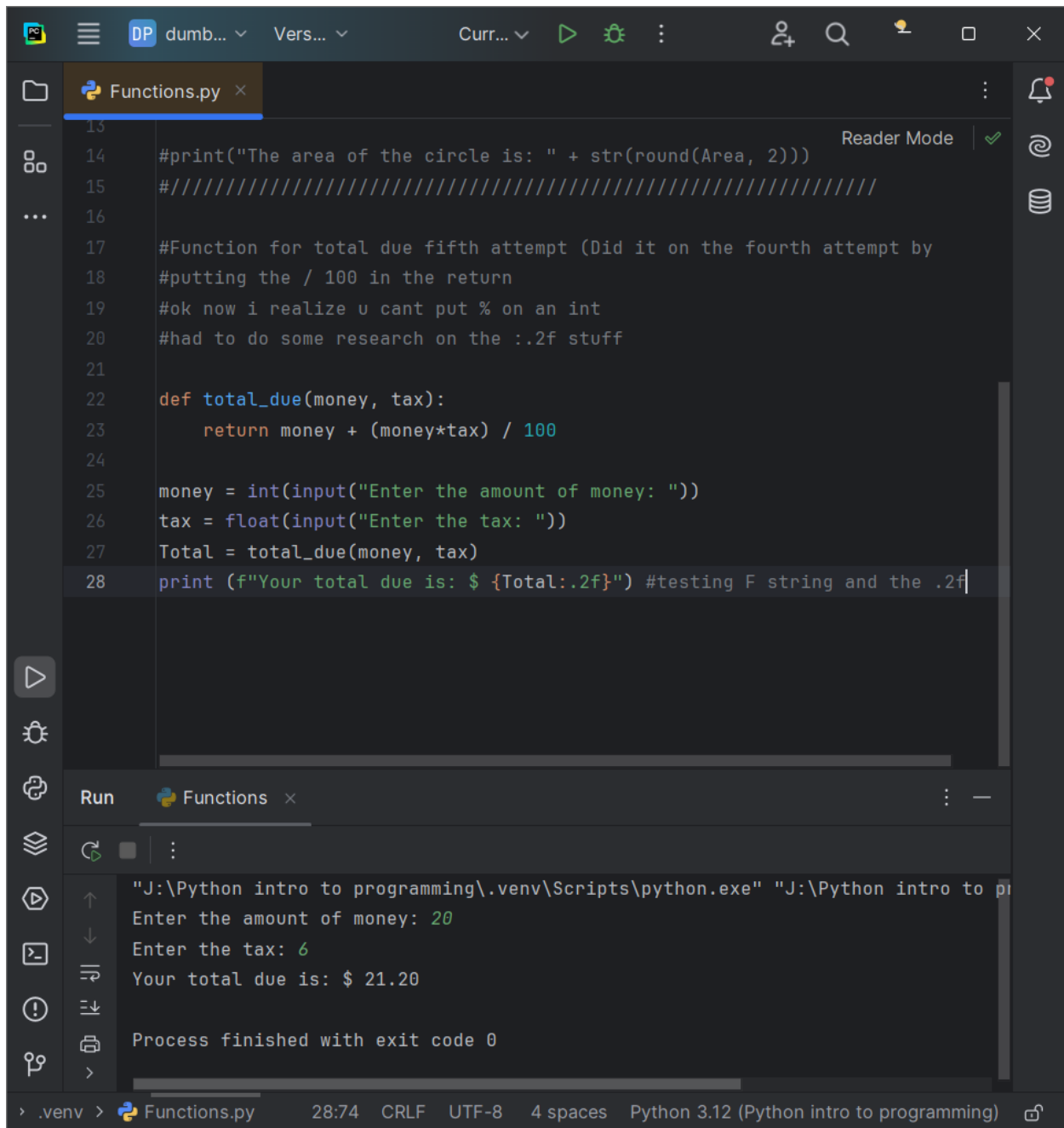
```
13
14 #print("The area of the circle is: " + str(round(Area, 2)))
15 #/////////////////////////////////////////////////////////////////
16
17 #Function for total due fifth attempt (Did it on the fourth attempt by
18 #putting the / 100 in the return
19 #ok now i realize u cant put % on an int
20 #had to do some research on the :.2f stuff
21
22 def total_due(money, tax):
23     return money + (money*tax) / 100
24
25 money = int(input("Enter the amount of money: "))
26 tax = float(input("Enter the tax: "))
27 Total = total_due(money, tax)
28 print(f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
```

**Run** Functions

```
Python intro to programming\.venv\scripts\python.exe Python intro to p
Enter the amount of money: 68
Enter the tax: 8
Your total due is: $ 73.44

Process finished with exit code 0
```

.venv > Functions.py 28:74 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)



```
13
14 #print("The area of the circle is: " + str(round(Area, 2)))
15 #/////////////////////////////////////////////////////////////////
16
17 #Function for total due fifth attempt (Did it on the fourth attempt by
18 #putting the / 100 in the return
19 #ok now i realize u cant put % on an int
20 #had to do some research on the :.2f stuff
21
22 def total_due(money, tax):
23     return money + (money*tax) / 100
24
25 money = int(input("Enter the amount of money: "))
26 tax = float(input("Enter the tax: "))
27 Total = total_due(money, tax)
28 print(f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
```

Run Functions x

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the amount of money: 20

Enter the tax: 6

Your total due is: \$ 21.20

Process finished with exit code 0

> .venv > Functions.py 28:74 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

The image shows a Python IDE window with a file named `Functions.py`. The code defines a function `total_due` that calculates the total amount due based on the input money and a tax rate. The function is tested with an input of 54 and a tax rate of 4, resulting in a total due of 56.16.

```
13
14 #print("The area of the circle is: " + str(round(Area, 2)))
15 #/////////////////////////////////////////////////////////////////
16
17 #Function for total due fifth attempt (Did it on the fourth attempt by
18 #putting the / 100 in the return
19 #ok now i realize u cant put % on an int
20 #had to do some research on the :.2f stuff
21
22 def total_due(money, tax):
23     return money + (money*tax) / 100
24
25 money = int(input("Enter the amount of money: "))
26 tax = float(input("Enter the tax: "))
27 Total = total_due(money, tax)
28 print(f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
```

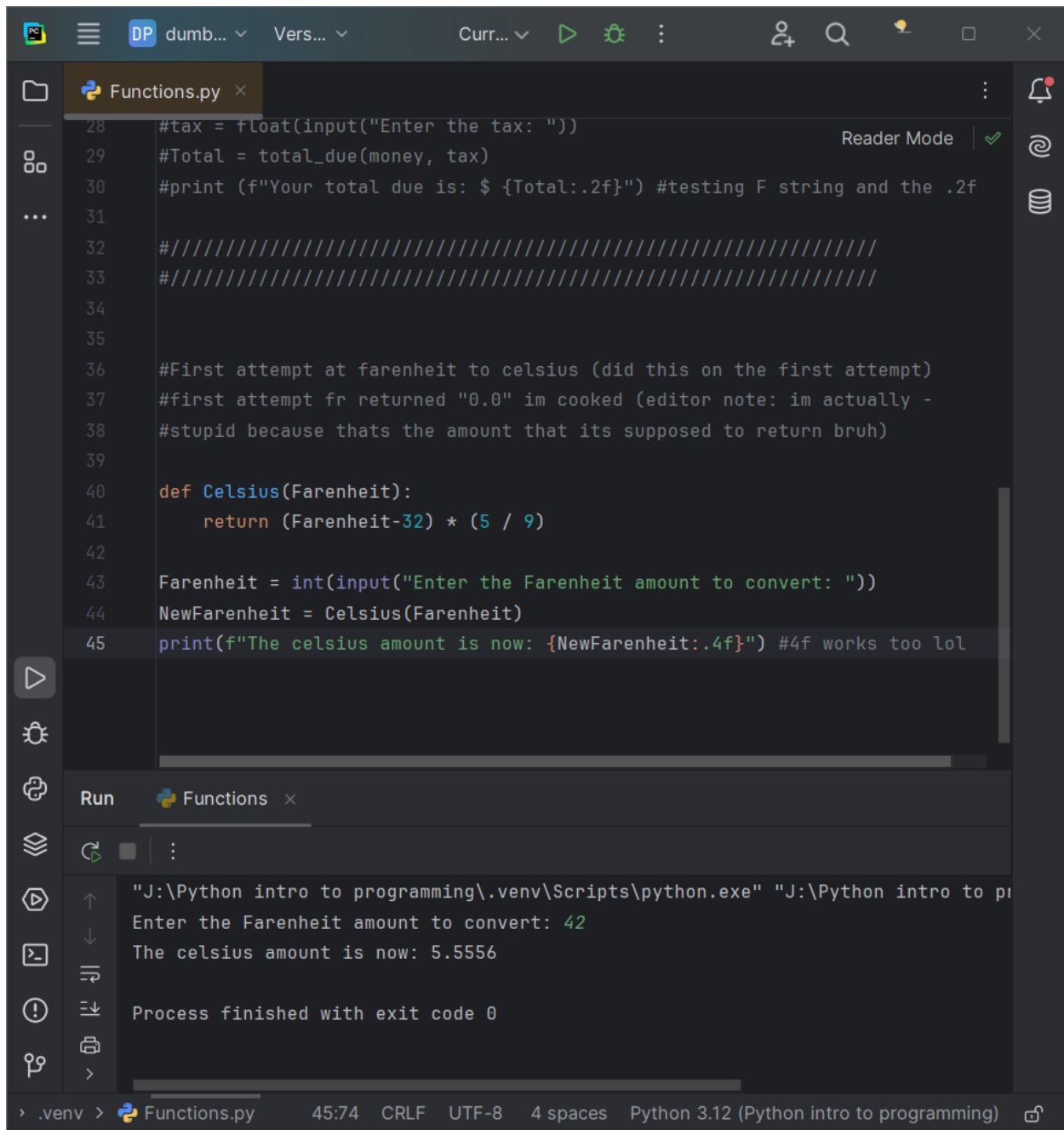
The Run console shows the following output:

```
Enter the amount of money: 54
Enter the tax: 4
Your total due is: $ 56.16
Process finished with exit code 0
```

The status bar at the bottom indicates the file is `Functions.py`, 28:74, CRLF, UTF-8, 4 spaces, Python 3.12 (Python intro to programming).



## FARENHEIT TO CELSIUS



The screenshot shows a Python IDE with a dark theme. The main editor window displays a Python script named `Functions.py`. The script includes comments about tax calculations and a function `Celsius` that converts Fahrenheit to Celsius. The program prompts the user to enter a Fahrenheit amount, which is then converted and displayed. The bottom panel shows the output of the program, indicating that the user entered 42 and the result is 5.5556. The status bar at the bottom shows the file path, line number (45:74), encoding (CRLF), character set (UTF-8), indentation (4 spaces), and Python version (3.12).

```
28 #tax = float(input("Enter the tax: "))
29 #Total = total_due(money, tax)
30 #print (f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
31
32 #####
33 #####
34
35
36 #First attempt at fahrenheit to celsius (did this on the first attempt)
37 #first attempt fr returned "0.0" im cooked (editor note: im actually -
38 #stupid because thats the amount that its supposed to return bruh)
39
40 def Celsius(Fahrenheit):
41     return (Fahrenheit-32) * (5 / 9)
42
43 Fahrenheit = int(input("Enter the Farenheit amount to convert: "))
44 NewFahrenheit = Celsius(Fahrenheit)
45 print(f"The celsius amount is now: {NewFahrenheit:.4f}") #4f works too lol
```

Run Functions

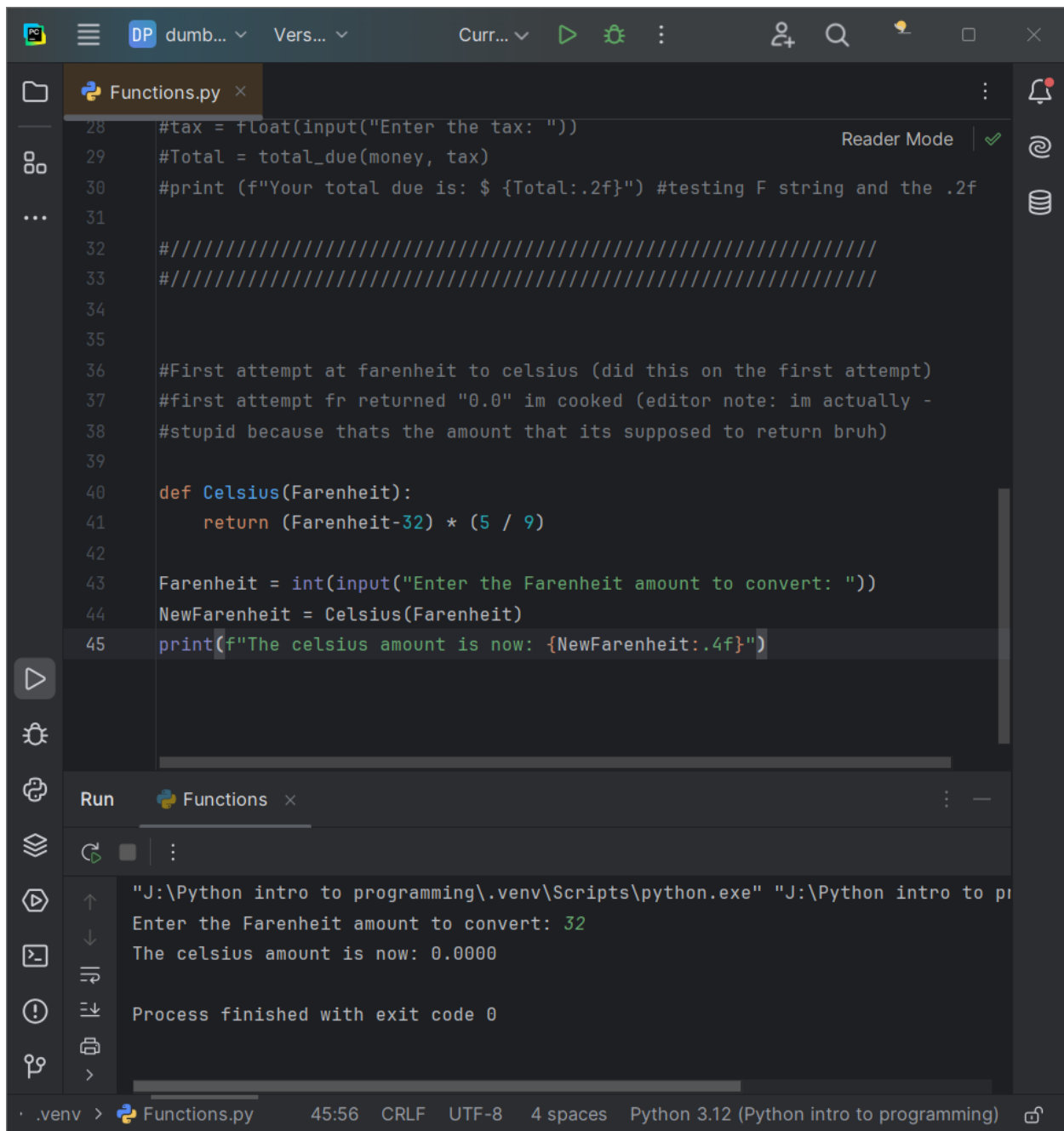
"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the Farenheit amount to convert: 42

The celsius amount is now: 5.5556

Process finished with exit code 0

> .venv > Functions.py 45:74 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)



```
28 #tax = float(input("Enter the tax: "))
29 #Total = total_due(money, tax)
30 #print (f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
31
32 #////////////////////////////////////
33 #////////////////////////////////////
34
35
36 #First attempt at fahrenheit to celsius (did this on the first attempt)
37 #first attempt fr returned "0.0" im cooked (editor note: im actually -
38 #stupid because thats the amount that its supposed to return bruh)
39
40 def Celsius(Fahrenheit):
41     return (Fahrenheit-32) * (5 / 9)
42
43 Fahrenheit = int(input("Enter the Fahrenheit amount to convert: "))
44 NewFahrenheit = Celsius(Fahrenheit)
45 print(f"The celsius amount is now: {NewFahrenheit:.4f}")
```

Run Functions

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the Fahrenheit amount to convert: 32

The celsius amount is now: 0.0000

Process finished with exit code 0

.venv > Functions.py 45:56 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

```
28 #tax = float(input("Enter the tax: "))
29 #Total = total_due(money, tax)
30 #print (f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
31
32 #////////////////////////////////////
33 #////////////////////////////////////
34
35
36 #First attempt at fahrenheit to celsius (did this on the first attempt)
37 #first attempt fr returned "0.0" im cooked (editor note: im actually -
38 #stupid because thats the amount that its supposed to return bruh)
39
40 def Celsius(Fahrenheit):
41     return (Fahrenheit-32) * (5 / 9)
42
43 Fahrenheit = int(input("Enter the Fahrenheit amount to convert: "))
44 NewFahrenheit = Celsius(Fahrenheit)
45 print(f"The celsius amount is now: {NewFahrenheit:.4f}")
```

Run Functions

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the Fahrenheit amount to convert: 80

The celsius amount is now: 26.6667

Process finished with exit code 0

.venv > Functions.py 45:56 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)

```
28 #tax = float(input("Enter the tax: "))
29 #Total = total_due(money, tax)
30 #print (f"Your total due is: $ {Total:.2f}") #testing F string and the .2f
31
32 #////////////////////////////////////
33 #////////////////////////////////////
34
35
36 #First attempt at fahrenheit to celsius (did this on the first attempt)
37 #first attempt fr returned "0.0" im cooked (editor note: im actually -
38 #stupid because thats the amount that its supposed to return bruh)
39
40 def Celsius(Fahrenheit):
41     return (Fahrenheit-32) * (5 / 9)
42
43 Fahrenheit = int(input("Enter the Fahrenheit amount to convert: "))
44 NewFahrenheit = Celsius(Fahrenheit)
45 print(f"The celsius amount is now: {NewFahrenheit:.4f}") #4f works too lol
```

Run Functions

"J:\Python intro to programming\.venv\Scripts\python.exe" "J:\Python intro to programming\Functions.py"

Enter the Fahrenheit amount to convert: 73

The celsius amount is now: 22.7778

Process finished with exit code 0

> .venv > Functions.py 45:74 CRLF UTF-8 4 spaces Python 3.12 (Python intro to programming)