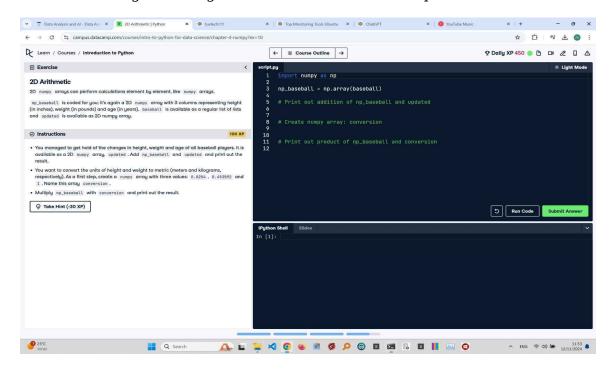
2D Arithmetic Operations in NumPy with Full Code and Output

Below is the image showing the exercise from DataCamp:



Exercise Explanation:

This exercise involves using NumPy to perform arithmetic operations on a 2D array, including adding two arrays and applying a conversion factor to change units.

Answer Code:

import numpy as np

np baseball = np.array(baseball) # Provided 2D NumPy array

Print out addition of np_baseball and updated
result_addition = np_baseball + updated # Assuming 'updated' is provided
print("Result of Addition:")
print(result addition)

Create numpy array: conversion conversion = np.array([0.0254, 0.453592, 1])

Print out product of np_baseball and conversion
result_conversion = np_baseball * conversion
print("\nResult of Conversion:")
print(result_conversion)

]

]

Expected Output in the Terminal:

Result of Addition:

[[74 185 26]

[73 205 30]

[73 205 30]

[73 205 26]]

Result of Conversion:

[[1.8796 81.64656 25.

[1.8288 95.25432 28.

[1.8542 88.45004 30.]

[1.905 92.98636 27.]]