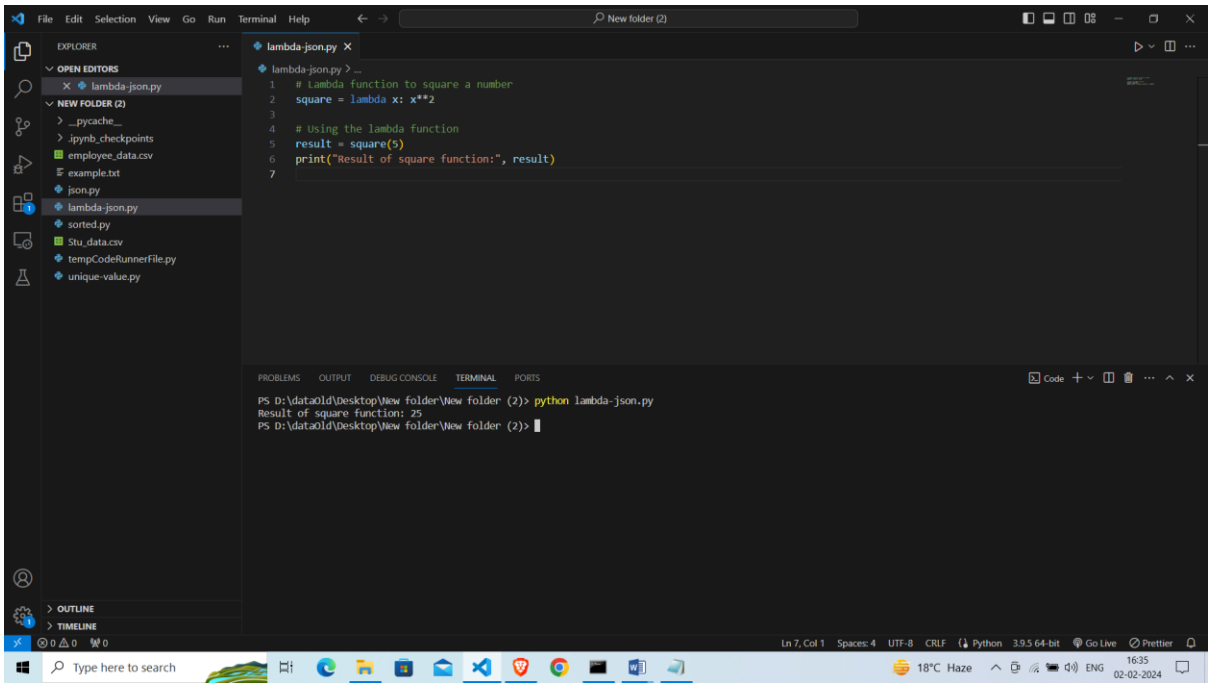
Python Coding Challenge

Q.2 Execute with one example Lambda Functions in Python&Read JSON Strings to Python dicts or lists

Ans.

Example of Lambda Function in Python:

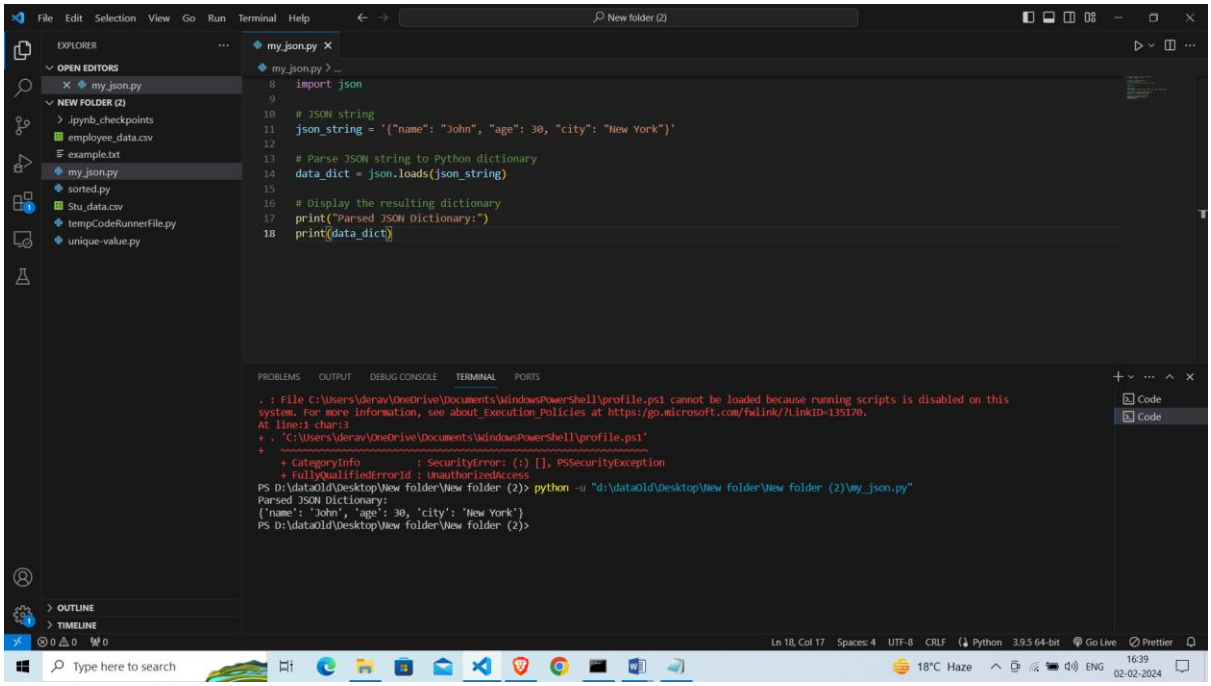
A lambda function is a small, anonymous function defined using the lambda keyword. It's often used for short, simple operations. Here's a simple example:



In this example, we define a lambda function square that takes an argument x and returns its square. The lambda function is then used to calculate the square of 5, and the result is printed.

Read JSON Strings to Python Dicts or Lists:

Python provides the json module to work with JSON data. You can use the json.loads() function to parse JSON strings into Python dictionaries or lists.



In this example, the json_string is a JSON-formatted string representing an object with name, age, and city. The json.loads() function is used to convert this string into a Python dictionary (data_dict). You can also parse JSON arrays into Python lists using the same function.