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Assignment_1_Day_2

Write a dataclass describing a mountain (containing fields for name and elevation) and:
- Construct an instance of the dataclass
- Convert it to string .

Solution:

1). The dataclass decorator is imported from the data classes module. @dataclass is a decorator provided by the datalasses module.

2). Mountain dataclass is defined using dataclass decorator with name and elevation fields.

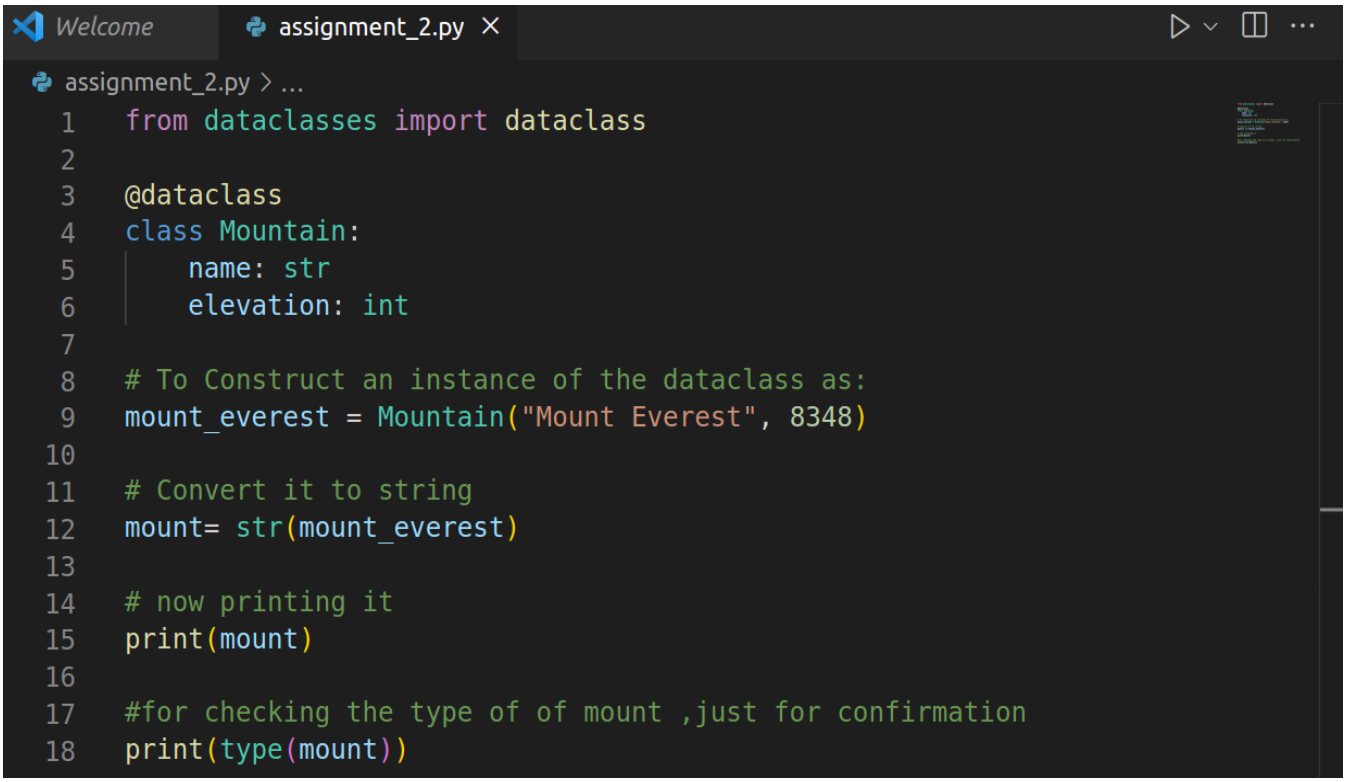
3). Created an instance of dataclass representing Mount Everest with an elevation of 8848 meters.

4). str() is used to convert the mount_everest instance to a string, the resulting string is assigned to the mount variable.

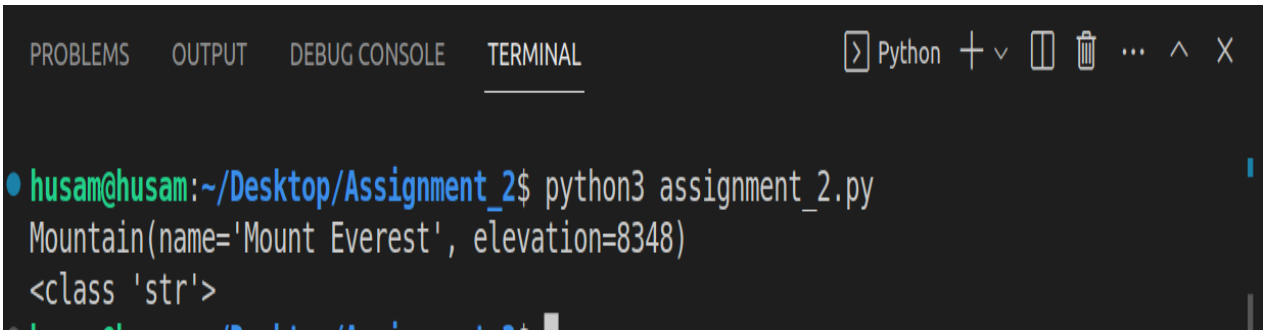
5). Now mount is printed which is string representation of the object using the print() function.

6). For checking the type just for confirmation that the result type should be string ,we used type() function

code



Output



python3 assignment_2.py command is used to run file.

Output results are shown in image which is converted string as :

Mountain(name='Mount Everest', elevation=8348)