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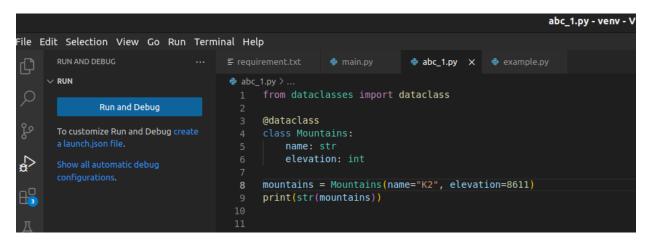
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ASSIGNMNET 1.2

Write a dataclass describing a mountain (containing fields for name and elevation) and:

- Construct an instance of the dataclass
- Convert it to string

CODE:



- 1. This code imports the "dataclass" module from the "dataclasses" library
- 2. The code above defines a Mountains class using the @dataclass decorator provided by the dataclasses module in Python.
- 3. Both attributes have specific data types, "str" and "int", respectively.
- 4. An instance of the Mountains class is then created with the name "K2" and the elevation 8611 meters.
- 5. Finally, the print() function is used to print the string representation of the mountains object using str(mountains) to the console.
- 6. This will output something like Mountains(name='K2', elevation=8611) indicating the values of the object's attributes.

OUTPUT:

talhakhan@all-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv ; /usr/bin/env /home/talhakhan/Desktop/venv/env/bin/python /home/talhakhan/.vscode/extensions/ms-python.python-2023.4.1/pythonFiles/llb/python/debugpy/dapter/../../debugpy/launcher 53843 -- /home/talhakhan/Desktop/venv/abc_l.py (self.name) (self.elevation))
talhakhan@all-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv/abc_l.py (self.name) (self.elevation)
talhakhan@all-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv/abc_l.py (self.name) (self.elevation)
talhakhan@all-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv/env/bin/python /home/talhakhan/Desktop/venv/abc_l.py
talhakhan@all-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv/env/bin/python /home/talhakhan/.vscode/extensions/ms-python.python-2023.4.1/pythonFiles/llb/python/debugpy/dapter/../../debugpy/launcher 55999 -- /home/talhakhan/Desktop/venv/env/bin/python /home/talhakhan/.vscode/extensions/ms-python.python-2023.4.1/pythonFiles/llb/python/debugpy/dapter/../../debugpy/launcher 55999 -- /home/talhakhan/Desktop/venv/abc_l.py
talhakhangall-MS-7035:-/Desktop/venvs cd /home/talhakhan/Desktop/venv/abc_l.py
Nome/talhakhan/Desktop/venv/abc_l.py
Nome/talhakhan/Desktop/venv/abc_l.py