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Assignment:

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

Code:

```
1    from dataclasses import dataclass
2
3
4    @dataclass
5    class Mountain:
6        name: str = 'Mt. Everest'
7        elevation: int = 8849
8
9    # Constructing Instance
10   mount = Mountain('Godwin-Austin (K2)', 8611)
11
12   print('>>> Before Converting it into String')
13   print(type(mount))
14
15   # String Conversion
16   print('>>> After Converting it into String')
17   mount_str = str(mount)
18   print(type(mount_str))
19
```

Explanation:

1. Imported **dataclass** module from **dataclasses** library.
2. we created a class named Mountain and initialize two different attributes inside of this class.
3. Then we constructed the class instance named **mount**
4. At first, we printed the type of our class
5. Then converted it by using python built-in function **str()**
6. As you see that the type is now changed

Output:

```
saifrehman@all-MS-7D35:~/Downloads/day_2_basic_tooling$
>>> Before Converting it into String
<class '__main__.Mountain'>
>>> After Converting it into String
<class 'str'>
saifrehman@all-MS-7D35:~/Downloads/day_2_basic_tooling$
```