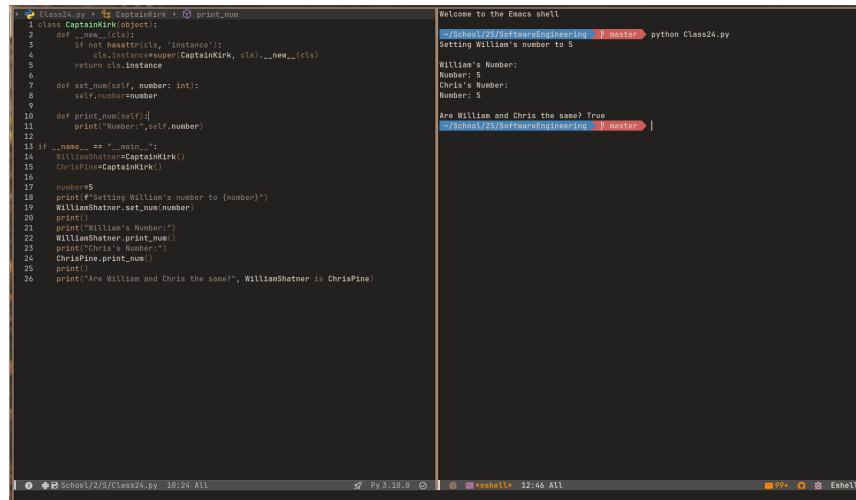


1 Screenshot



```
1 class CaptainKirk(object):
2     def __new__(cls):
3         if not hasattr(cls, 'instance'):
4             cls.instance = super(CaptainKirk, cls).__new__(cls)
5             return cls.instance
6         return cls.instance
7     def set_num(self, number: int):
8         self.number = number
9
10    def print_num(self):
11        print("Number:", self.number)
12
13    if __name__ == "__main__":
14        WilliamShatner = CaptainKirk()
15        ChrisPine = CaptainKirk()
16
17        number = 5
18        print(f"Setting William's number to {number}")
19        WilliamShatner.set_num(number)
20        print()
21        print(f"William's Number: {WilliamShatner.print_num()}")
22        print(f"Chris's Number: {ChrisPine.print_num()}")
23        print()
24        print(f"Are William and Chris the same? {WilliamShatner is ChrisPine}")
```

```
Welcome to the Emacs shell
~/School/22/SoftwareEngineering 2 master python Class24.py
Setting William's number to 5
William's Number:
Number: 5
Chris's Number:
Number: 5
Are William and Chris the same? True
~/School/22/SoftwareEngineering 2 master |
```

2 Compile and run instructions

No compilation needed. Simply navigate to the file's directory, and run the command `python Class24`. If this does not work or throws an error, you may need to rename the file to `Class24.py`, then run the command `python Class24.py`, since D2L does not allow me to submit files with a `*.py` extension.