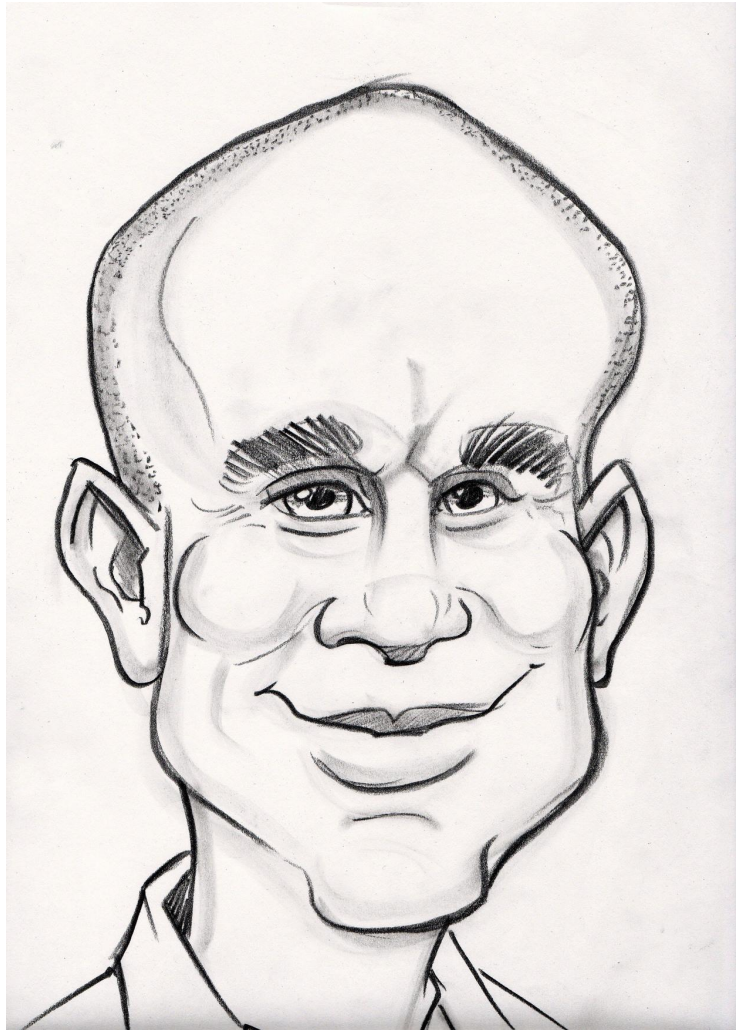


Distilling Your Examples



Photo by [Martin Kníže](#) on [Unsplash](#)

**Miki
Tebeka**



**CEO, CTO,
UFO ...
353solutions**

...students did not engage in consistent levels of attention but rather went between phases of attention and inattention throughout the entire lecture...

Bunce et al

«Serialization»

C2AB53657269616C697A6174696F6EC2BB

```
from dataclasses import dataclass
```

```
@dataclass
```

```
class Trade:
```

```
    symbol: str
```

```
    volume: int
```

```
    price: float
```

```
    buy: bool
```

```
from dataclasses import dataclass
```

*What's a
dataclass?*



```
@dataclass
```

*Is that a
decorator?*



```
class Trade:
```

```
    symbol: str
```

Is that valid syntax?



```
    volume: int
```

*There are types in
Python?*


```
    price: float
```

```
    buy: bool
```

Where's __init__?



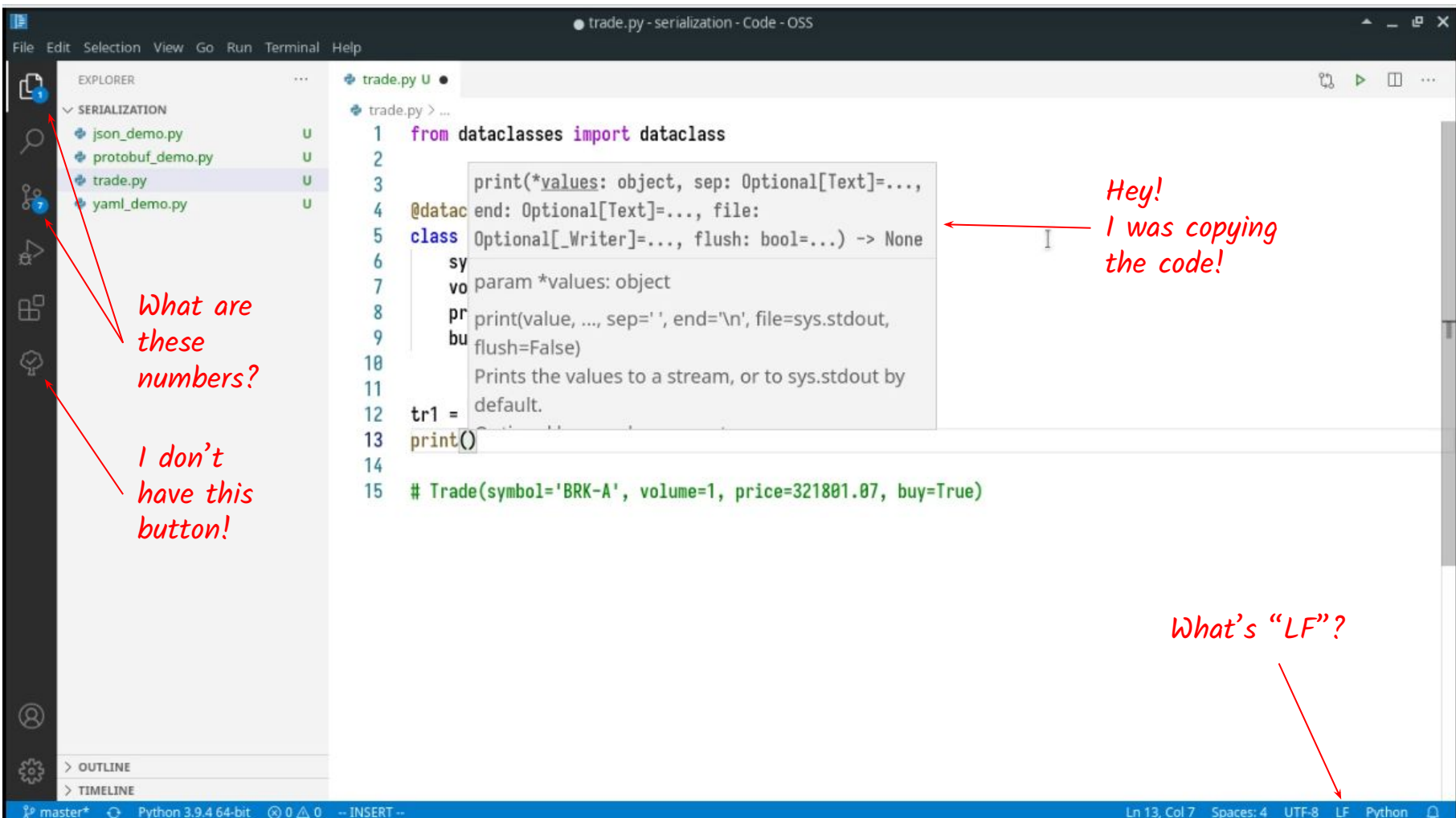
```
class Trade:
    def __init__(self, symbol, volume, price, buy):
        self.symbol = symbol
        self.volume = volume
        self.price = price
        self.buy = buy
```

```
class Quantity:  
    def __init__(self, value, unit):  
        self.value = value  
        self.unit = unit
```

```
height = Quantity(1.78, 'meter')
```



```
height = {  
    'value': 1.78,  
    'unit': 'meter',  
}
```



```
1 from dataclasses import dataclass
2
3
4 @dataclass
5 class Trade:
6     symbol: str
7     volume: int
8     price: float
9     buy: bool
10
11
12 tr1 = Trade('BRK-A', 1, 321801.07, True)
13 print(
14
15
16 # Trade(symbol='BRK-A', volume=1, price=321801.07, buy=True)
~
~
~
~
~
~
~
~
~
~
```

```
1 from dataclasses import dataclass
2
3
4 @dataclass
5 class Trade:
6     symbol: str
7     volume: int
8     price: float
9     buy: bool
10
11
12 tr1 = Trade('BRK-A', 1, 321801.07, True)
13 print(
14
15
16 # Trade(symbol='BRK-A', volume=1, price=321801.07, buy=True)
```

← What are these?

What's "All"?

trade.py [+]

13,7

All

-- INSERT --

← What's "INSERT"?

Thanks!

