

```
In [1]: captains('Enterprise' = 'Picard')
captains('Voyager' = 'Janeway')
captains('Defiant' = 'Sisko')
```

```
File "C:\Users\DELL\AppData\Local\Temp\ipykernel_6528\2626800062.py", line 1
    captains('Enterprise' = 'Picard')
    ^
SyntaxError: invalid syntax
```

```
In [2]: captains["Enterprise"] = "Picard"
captains["Voyager"] = "Janeway"
captains["Defiant"] = "Sisko"
```

```
-----
NameError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_6528\505906492.py in <module>
----> 1 captains["Enterprise"] = "Picard"
      2 captains["Voyager"] = "Janeway"
      3 captains["Defiant"] = "Sisko"

NameError: name 'captains' is not defined
```

```
In [3]: captains = {
        'Enterprise': 'Picard',
        'Voyager': 'Janeway',
        'Defiant': 'Sisko',
        }
```

```
In [4]: captains
```

```
Out[4]: {'Enterprise': 'Picard', 'Voyager': 'Janeway', 'Defiant': 'Sisko'}
```

```
In [5]: captains = {
        'Enterprise': 'Picard',
        'Voyager': 'Janeway',
        'Defiant': 'Sisko',
        'Discovery': 'unknown',
        }
```

```
In [6]: captains
```

```
Out[6]: {'Enterprise': 'Picard',
        'Voyager': 'Janeway',
        'Defiant': 'Sisko',
        'Discovery': 'unknown'}
```

```
In [7]: for item in captains.items():
        print(f'The {ship} is captained by {captain}.')
```

```
File "C:\Users\DELL\AppData\Local\Temp\ipykernel_6528\4245179586.py", line 2
    print(f'The {ship} is captained by {captain}.')
    ^
SyntaxError: EOL while scanning string literal
```

```
In [8]: for ship, captain in captains.items():
        print(f'The {ship} is captained by {captain}.')
```

```
File "C:\Users\DELL\AppData\Local\Temp\ipykernel_6528\2290126625.py", line 2
    print(f'The {ship} is captained by {captain}.')
    ^
SyntaxError: EOL while scanning string literal
```

```
In [9]: for captain, ship in captains.items():
        print(f'The {ship} is captained by {captain}.')
```

```
The Picard is captained by Enterprise.
The Janeway is captained by Voyager.
The Sisko is captained by Defiant.
The unknown is captained by Discovery.
```

```
In [10]: captains = {
        'Enterprise': 'Picard',
        'Voyager': 'Janeway',
        'Defiant': 'Sisko',
        'Discovery': 'unknown'
        }
```

```
In [11]: captains
```

```
Out[11]: {'Enterprise': 'Picard',
        'Voyager': 'Janeway',
        'Defiant': 'Sisko',
        'Discovery': 'unknown'}
```

```
In [12]: captain
```

```
Out[12]: 'Discovery'
```

```
In [13]: captains['Discovery'].pop()
```

```
-----
AttributeError                            Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_6528\2617543040.py in <module>
----> 1 captains['Discovery'].pop()

AttributeError: 'str' object has no attribute 'pop'
```

```
In [14]: del captains['Discovery']
```

```
In [15]: captains
```

```
Out[15]: {'Enterprise': 'Picard', 'Voyager': 'Janeway', 'Defiant': 'Sisko'}
```

```
In [ ]:
```

```
In [ ]:
```