

Tuples and named tuples

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```
[1]: # Load namedtuple class
from collections import namedtuple
```

```
[2]: # Create a tuple
whiteHouse = (38.8977, 77.0366)
```

```
[3]: # Print tuple elements and length
print('Coordinates:', whiteHouse)
print('Latitude:', whiteHouse[0])
print('Longitude:', whiteHouse[1])
print('Tuple length:', len(whiteHouse))
```

Coordinates: (38.8977, 77.0366)

Latitude: 38.8977

Longitude: 77.0366

Tuple length: 2

```
[4]: # The commented line below produces an error
# whiteHouse[1] = 50
```

```
[5]: # Create a named tuple type Car and object chevyBlazer
Car = namedtuple('Car', ['make', 'model', 'price', 'horsepower', 'seats'])
chevyBlazer = Car('Chevrolet', 'Blazer', 32000, 275, 8)
chevyBlazer
```

```
[5]: Car(make='Chevrolet', model='Blazer', price=32000, horsepower=275, seats=8)
```

```
[6]: # Display the chevyBlazer's price
chevyBlazer.price
```

```
[6]: 32000
```