Lecture 27
Run-Time Class Selection

OOP – Spring 2022 (Python)

Dictionary – Classes - Properties

```python
self.type_map = {
            ('house', 'rental'): HouseRental,
            ('house', 'purchase'): HousePurchase,
            ('apartment', 'rental'): ApartmentRental,
            ('apartment', 'purchase'): ApartmentPurchase
            }
```

Getting Class With Properties

```python
property_type = input("What type of property? ")

payment_type = input( "What payment type? ")

ObjectClass = self.type_map[(property_type, payment_type)]

self.type_map = {
                ('house', 'rental'): HouseRental,
                ('house', 'purchase'): HousePurchase,
                ('apartment', 'rental'): ApartmentRental,
                ('apartment', 'purchase'): ApartmentPurchase
        }
```