

**Lecture**

# **Access Instance Attributes**





## Access Instance Attributes

1

```
class House:

    def __init__(self, price, square_feet, num_bedrooms, num_bathrooms):
        self.price = price
        self.square_feet = square_feet
        self.num_bedrooms = num_bedrooms
        self.num_bathrooms = num_bathrooms
```



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```
my_house = House(50000, 2100, 4, 3)
```



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**Values?**



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**Values?**



## Access Instance Attributes

```
<variable>.<instance_attribute>
```



## Access Instance Attributes

```
<variable>.<instance_attribute>
```



## Access Instance Attributes

A thick red arrow pointing downwards from the top center towards the dot in the code snippet.

```
<variable>.<instance_attribute>
```





## Access Instance Attributes

**Dot Notation**

**<variable>.<instance\_attribute>**



## Access Instance Attributes

```
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```
my_house.price
```



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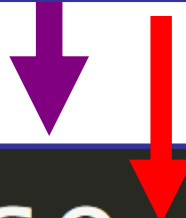


```
my_house.price
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```
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```
my_house.price
```



## Access Instance Attributes

# Outside the class

```
<variable>.<instance_attribute>
```





## Access Instance Attributes

# Inside the class

```
self.<instance_attribute>
```



## Access Instance Attributes

# Inside the class

```
self.<instance_attribute>
```



## Now... An Example

