lesson_2

August 23, 2022

1 Lesson 2

```
[1]: num = 42
```

```
[2]: real = 3.14
```

```
[3]: text = "This is a text"
```

```
[4]: condition = False
```

```
[5]: num
```

```
[5]: 42
```

```
[6]: num = -42
```

```
[7]: num
```

```
[7]: -42
```

```
[8]: n = None
```

```
[9]: text += "suffix"
```

```
[10]: text
```

```
[10]: 'This is a textsuffix'
```

```
[11]: num += 1
```

```
[12]: num
```

```
[12]: -41
```

```
[13]: num = 42
```

```
[14]: id(num)
```

```
[14]:  4301401680

[15]:  num += 1

[16]:  num

[16]:  43

[17]:  id(num)

[17]:  4301401712

[18]:  num = num + 1

[19]:  text = "test"

[20]:  id(text)

[20]:  4308801072

[21]:  text += "suffix"

[22]:  id(text)

[22]:  4394702256

[23]:  a = 42
       b = 42

[24]:  a is b

[24]:  True

[25]:  id(a)

[25]:  4301401680

[26]:  id(b)

[26]:  4301401680

[27]:  a += 1

[28]:  a is b

[28]:  False
```

```python
[29]: id(a)
```

```
[29]: 4301401712
```

```python
[30]: id(b)
```

```
[30]: 4301401680
```

```python
[31]: a = 455
```

```python
[32]: b = 455
```

```python
[33]: a is b
```

```
[33]: False
```

```python
[34]: id(a)
```

```
[34]: 4394462352
```

```python
[35]: id(b)
```

```
[35]: 4394462832
```

```python
[ ]:
```