

```
In [10]: x = 20
```

```
while x < 30:
```

```
    print(x)
```

```
    x = x + 1
```

if this is True

you will run these

20

21

22

23

24

25

26

27

28

29

x

20

21

22

23

24

25

$20 < 30 \Rightarrow \text{True}$

$21 < 30 \Rightarrow \text{True}$

$22 < 30 \Rightarrow \text{True}$

$23 < 30 \Rightarrow \text{True}$

$30 < 30 \Rightarrow \text{False}$

: find, rfind, index, rindex

: s = 'PythonJavaPythonJava'
s.find("Java")



: 6

Left hand Side

: s = 'PythonJavaPythonJava'
s.rfind("Java")



: 16