In [1]:
```python
from datetime import datetime
```

While loops

In [3]:
```python
datetime.now().second
```

Out[3]: 30

In [4]:
```python
wait_until = datetime.now().second + 2

while datetime.now().second != wait_until:
    print('Still waiting!')

print(f'We are at {wait_until} seconds!')
```

```
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
Still waiting!
```

In [6]:
```python
wait_until = datetime.now().second + 2

while datetime.now().second != wait_until:
    1 + 1

print(f'We are at {wait_until} seconds!')
```

```
We are at 38 seconds!
```

Pass

```
In [7]: wait_until = datetime.now().second + 2

        while datetime.now().second != wait_until:
            pass

        print(f'We are at {wait_until} seconds!')
```

We are at 51 seconds!

Break

```
In [8]: wait_until = datetime.now().second + 2

        while True:
            if datetime.now().second == wait_until:
                print(f'We are at {wait_until} seconds!')
                break
```

We are at 5 seconds!

```
In [9]: wait_until = datetime.now().second + 2

        while True:
            while datetime.now().second == wait_until:
                print(f'We are at {wait_until} seconds!')
                break
```

We are at 14 seconds!
We are at 14 seconds!
We are at 14 seconds!
We are at 14 seconds!
We are at 14 seconds!
We are at 14 seconds!
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We are at 14 seconds!
We are at 14 seconds!
We are at 14 seconds!

Continue

In [10]:
```python
wait_until = datetime.now().second + 2

while datetime.now().second != wait_until:
    continue
    print('Still waiting!')


print(f'We are at {wait_until} seconds!')
```

We are at 14 seconds!

In [11]:
```python
wait_until = datetime.now().second + 2

while True:
    if datetime.now().second < wait_until:
        continue
    break


print(f'We are at {wait_until} seconds!')
```

We are at 9 seconds!

In [ ]: