

Python

While loop



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Agenda

- ① Iterative control → while
- ② while → for
- ③ Practice problem

1, 2, 3, 4 5, 6, 7, 8

3, 4

3, 4

3, 4

3, 4

1	—
2	—
3	—
4	—
5	—
6	—
7	—
8	—

Iterative Control (Loop)

① while

② for

X do while



Keyword

while

True

while condition :

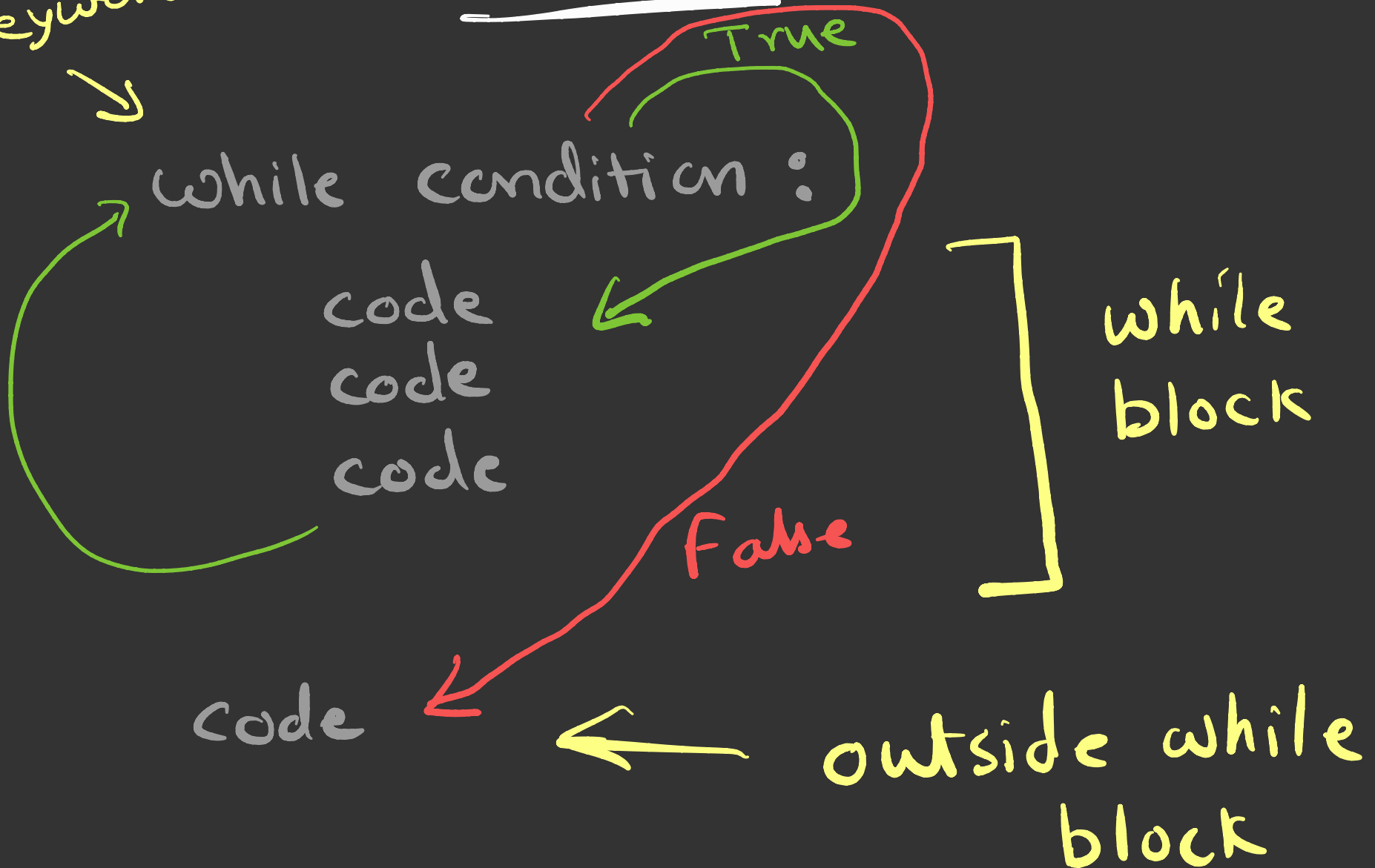
code
code
code

while
block

False

code

outside while
block



Write a program to print MySirG five times.

```
i = 1
while i <= 5:
    print("MySirG")
    i = i + 1
```

i 6

1 <= 5	T	}	5
2 <= 5	T		
3 <= 5	T		
4 <= 5	T		
5 <= 5	T		
6 <= 5	F		

Write a program to print first 10 natural numbers.

```
i = 1
```

```
while i <= 10:
```

```
    print(i)
```

```
    i = i + 1
```