

Schedule



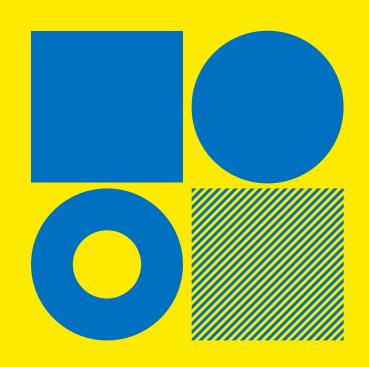
2/20	Data and Basic Operation	Scope of Quiz 1
2/27	Day off	
3/6	Control Structure	
3/13	Loop	
3/20	Functions, and File Handling	
3/27	Quiz 1	
4/3	Day off	
4/10	JSON Parsing	Scope of Midterm Exam
4/17	SQLite	
4/24	Midterm Exam	

1. Loops

How to use loop to execute the same code multiple times

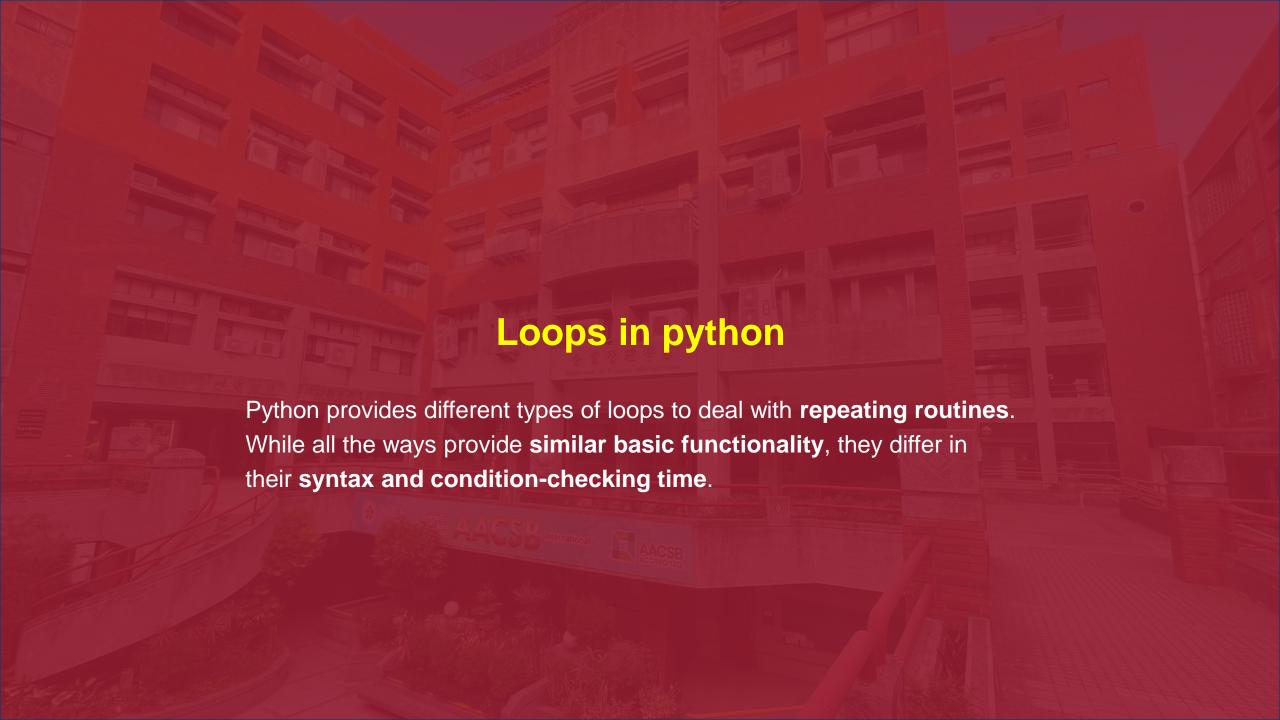
Key Concepts

Scope of the Guidelines



1. Loops

How to use loops to execute the same code multiple times.



Repeating routines

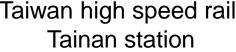




Taiwan high speed rail

Hey, I'm here!







Hey, I'm here!



NCKU

Hey, I'm here!



The while loop executes a block of statements repeatedly **until** a given condition is satisfied (condition is false).

And when the condition becomes false, the line immediately after the loop in the program is executed.





```
i = 0
while (i < 10):
i = i + 1
print(i)
```

```
i = 0
while (i < 10):
    i = i + 1
    print(i, end=" ")

1 2 3 4 5 6 7 8 9 10</pre>
```

A never ending infinite loop



```
count = 0
while (count == 0):
    print("Hello NCKU")
```

A never-ending infinite loop where the condition is always true that we have to forcefully terminate the compiler.

