Lists & 2-D lists

Python Reference · Vocabulary in context

Word	Example
list /lɪst/	[3, 5, 7] is a **list** of three numbers. [3, 5, 7]
item /ˈaɪtəm/	Each **item** in a list has a position, starting at 0. 0
traverse /trəˈvɜːs/	**Traverse** the list to print every item.
2-D list /tuː diː lɪst/	A **2-D list** such as [[1, 2], [3, 4]] has rows and columns. [[1, 2], [3, 4]]
grid /grɪd/	A noughts-and-crosses board is a 3 × 3 **grid**. 3 × 3
nested loop /ˈnestɪd luːp/	A **nested loop** is a loop inside another loop.
list comprehension /lɪst ˌkɒmprɪˈhenʃn/	The **list comprehension** [x + 1 for x in nums] adds 1 to every number. [x + 1 for x in nums] 1
tuple /ˈtuːpl/	A **tuple** is one row of a table.
unpack /ʌnˈpæk/	a, b = [1, 2] will **unpack** the list into two variables. a, b = [1, 2]
set /set/	A **set** holds values with no repeats.
membership test /ˈmembəʃɪp test/	The **membership test** “cat” in pets gives True or False. ”cat” in pets True False