✓ List Comprehensions

```
M = [[1, 2, 3], # A 3 × 3 matrix, as nested lists
[4, 5, 6],
[7, 8, 9]]
col2 = [col[1] for col in M] # Collect the items in column 2
col2
→ [2, 5, 8]
Μ
[row[1] + 1 for row in M] # Add 1 to each item in column 2
글 [3, 6, 9]
                                                     + Code
                                                               + Text
[row[1] for row in M if row[1] % 2 == 0] # Filter out odd items
diag = [M[i][i] for i in [0, 1, 2]] # Collect a diagonal from matrix
diag
→ [1, 5, 9]
doubles = [b * 2 for b in 'spam'] # Repeat characters in a string
doubles
→ ['ss', 'pp', 'aa', 'mm']
[sum(row) for row in M]
```

→ [6, 15, 24]