

[My Programs](#) ▶ ... ▶ [Control Flow](#) ▶ Solution: List Comprehensions

## Solution: List Comprehensions

### Quiz Solution: Extract First Names

```
names = ["Rick Sanchez", "Morty Smith", "Summer Smith", "Jerry Smith", "Beth Smith"]

first_names = [name.split()[0].lower() for name in names]
print(first_names)
```

Output:

```
['rick', 'morty', 'summer', 'jerry', 'beth']
```

### Quiz Solution: Multiples of Three

```
multiples_3 = [x * 3 for x in range(1, 21)]
print(multiples_3)
```

Output:

```
[3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60]
```

### Quiz Solution: Filter Names by Scores

```
scores = {
    "Rick Sanchez": 70,
    "Morty Smith": 35,
    "Summer Smith": 82,
    "Jerry Smith": 23,
    "Beth Smith": 98
}

passed = [name for name, score in scores.items() if score >= 65]
print(passed)
```

Output:

The order of elements in this output may vary since dictionaries are unordered.

```
['Beth Smith', 'Summer Smith', 'Rick Sanchez']
```

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