Can a duck, whose most intimate thoughts
Is an awkward, unwieldy plot
Understand why
It takes petrol to fly
In a plane, but for birds it does not?
```python
X = "bot"
X[z] = 'x'
print(X)
```

- `str`
- `range(...)`
- `tuple`
- `list`
- `range(3, 8) -> 3, 4, 5, 6, 7`
- `range(3, 8, 2) -> 3, 5, 7`
- `range(0, 8) -> 0, 1, 2, 3, 4, 5, 6, 7`
```
\[ l = [1, 2] \]
\[ l . \text{append}(e) \rightarrow l \text{ becomes } [1, 2] \text{ longer} \]
\[ l . \text{append}(\text{\textquotesingle\\text{hi}}) \rightarrow l \text{ is new } [1, 2, \text{\textquotesingle\\text{hi}}] \]
\[ l . \text{pop}(1) \rightarrow l \text{ is now } [1, \text{\textquotesingle\\text{hi}}] \]
\[ l . \text{remove}(1) \rightarrow l \text{ is now } [\text{\textquotesingle\\text{hi}}] \]
\[ l . \text{pop}(\text{index}) \rightarrow l \text{ one shorter} \]
\[ l . \text{remove}(\text{value}) \rightarrow l \text{ one shorter} \]
```