Updating and Deleting Elements - list

Here is how we can update elements in the list as well as delete elements from the list in Python.

- We can assign an element to the list using index to update.
- There are multiple functions to delete elements from list.
    - `remove` - delete the first occurrence of the element from the list.
    - `pop` - delete the element from the list using index.
    - `clear` - deletes all the elements from the list.

```python
l = [1, 2, 3, 4]
```

```python
l[1] = 11
```

```python
l
```

```
[1, 11, 3, 4]
```

```python
l = [1, 2, 3, 4, 4, 6]
```

```python
l.remove?
```

```
Docstring:
L.remove(value) -> None -- remove first occurrence of value.
Raises ValueError if the value is not present.
Type:      builtin_function_or_method
```

```python
l.remove(4)
```

```python
l
```

```
[1, 2, 3, 4, 6]
```

```python
l.pop?
```

```
Docstring:
L.pop([index]) -> item -- remove and return item at index (default last).
Raises IndexError if list is empty or index is out of range.
Type:      builtin_function_or_method
```

```python
l.pop()
```

```
6
```

```python
l
```

```
[1, 2, 3, 4]
```

```python
l.pop(2)
```

```
3
```

```python
l
```

```
[1, 2, 4]
```

```python
l.clear()
```

```
1
```

```
[]
```