

WhileLoopExamples

August 12, 2016

```
In [ ]: i = 0
        while i < 10:
            i += 1
            print i
```

```
In [ ]: i = 0
        while i < 10:
            print i
            i += 1
```

```
In [ ]: i = 0
        while i < 10:
            i += 2
            print i
```

```
In [ ]: i = 0
        while i < 10:
            print i
            i += 3
```

```
In [ ]: x = 'hello world'
        i = 0
        while i < len(x):
            print x[i]
            i += 1
```

```
In [ ]: i = 0
        while i < 100:
            if (i + 1) % 10 == 0:
                break
            print i
            i += 1
```

```
In [ ]: x = ['strawberry', 'mango', 'pineapple', 'kiwi']
        i = 0
        while i < len(x):
            print x[i]
            i += 1
```

```

In [ ]: i = 0
        while True:
            if i == 10:
                break
            print i
            i += 1

In [ ]: i = 0
        while True:
            if (i + 1) % 10 == 0:
                break
            print i
            i += 1

In [ ]: my_bool = True
        i = 0
        while my_bool:
            my_bool = i < 10
            print i
            i += 2

In [ ]: x = []
        my_bool = True
        i = 0
        while my_bool:
            my_bool = i < 20
            x += [i * 3]
            i += 3
        print x

In [ ]: i = 0
        counter = 0
        while i < 100:
            i += 1
            if counter >= 3:
                break
            if (i + 1) % 4 == 0:
                counter += 1
                continue
            print i

```