Handout 3

Question 1. Fill in the variable values for each iteration of the for-loop

(a).

```
total = 1
for i in range(5):
    total = total * 2
    print(i, total)
```

iteration	i	total

(b).

```
word = "ahoy"
stretch_word = ""
for idx in range(len(word)):
    character = word[idx]
    value = character * 3
    stretch_word = stretch_word + value
    print(idx, character, value, stretch_word)
```

iteration	idx	character	value	stretch_word

(c).

```
total = 100
values = [2, 6, 12, 5]
for index in range(len(values)):
    value = values[index]
    total = total - value
    print(index, value, total)
```

iteration	index	value	total