1. Assume that we have typed the following in the Python shell:

```
x = 'chemistry'
x[3]
```

What will be printed on the screen as a result?

Ans: m

2. Assume that we have typed the following in the Python shell:

```
x = 'chemistry'
'i' in x
```

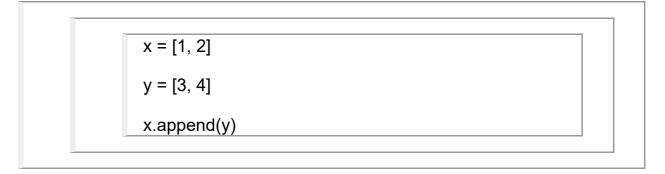What will be printed on the screen as a result?

Ans: True

3. Assume that we have typed the following in the Python shell:

```
x = '3'
y = '4'
x + y * 2
```

What will be printed on the screen as a result?

Ans: '344'

4. Assume that we have typed the following in the Python shell:

```
x = [1, 2]

y = [3, 4]

x.append(y)
```

What will be printed on the screen as a result?

Ans: [1, 2, [3, 4]]

5. Assume that the following Python program is executed:

What will be printed on the screen as a result?

Ans: 2

6. Assume that the following Python program is executed:

What will be printed on the screen as a result?

Ans: [4, 5, 5, 6]

7. Correct indentation is essential for your Python program to work.

Ans: True

8. Raspberry Pi can execute Python 3 code, but not Python 2.

Ans: False