
4.19 Write Python statements that print the next formatted outputs using the already assigned variables first, middle, and last:

```python
>>> first = 'Marlena'
>>> last = 'Sigel'
>>> middle = 'Mae'
```

(a) Sigel, Marlena Mae
(b) Sigel, Marlena M.
(c) Marlena M. Sigel
(d) M. M. Sigel


4.20 Given string values for the sender, recipient, and subject of an email, write a string format expression that uses variables sender, recipient, and subject and that prints as shown here:

```python
>>> sender = 'tim@abc.com'
>>> recipient = 'tom@xyz.org'
>>> subject = 'Hello!'
```

```text
From: tim@abc.com
To: tom@xyz.org
Subject: Hello!
```
3. Perkovic 4.21, 1st ed.

4.21 Write Python statements that print the values of π and the Euler constant e in the shown formats:
   (a) \( \pi = 3.1, \ e = 2.7 \)
   (b) \( \pi = 3.14, \ e = 2.72 \)
   (c) \( \pi = 3.141593e+00, \ e = 2.718282e+00 \)
   (d) \( \pi = 3.14159, \ e = 2.71828 \)


4.25 Write function vowelCount() that takes a string as input and counts and prints the number of occurrences of vowels in the string.

```python
>>> vowelCount('Le Tour de France')
a, e, i, o, and u appear, respectively, 1, 3, 0, 1, 1 times.
```