Self Test: String Formatting

(1) Use the format statement to produce twenty sentences of the form:

Julia takes the tea from Raj and the Julia gives the tea to Peter.

The underlined parts are first names. You generate a list of first names and then use the random sample to select names from the list. You need to add one line to the following code:

```python
import random
def tea():
    names = ['Julia', 'Peter', 'Rajul', 'Sunil', 'Anwal', 'Ahmed', 'David', 'Neha', 'Gaston', 'Gilbert', 'Usman', 'Siegfried', 'Tristan', 'Bartolomeo']
    my_string = '{0} takes the tea from {1} and then {0} gives it to {2}
    for _ in range(20):
        lista = random.sample(names, 3)
        YOUR LINE HERE
```

(2) Print out pi with the first 30 digits after the decimal point.

(3) Use pretty-printing to print out the exponential and logarithm table from the presentation.