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:

```
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.