6.9 (*Conversions between feet and meters*) Write a module that contains the following two functions:

```
# Converts from feet to meters
def footToMeter(foot):

# Converts from meters to feet
def meterToFoot(meter):
```

The formulas for the conversion are:

```
foot = meter / 0.305
meter = 0.305 * foot
```

Write a test program that invokes these functions to display the following tables:

```
Feet          Meters    |    Meters       Feet

1.0           0.305     |    20.0         66.574
2.0           0.610     |    26.0         81.967
...
9.0           2.745     |    60.0         196.721
10.0          3.050     |    66.0         213.115
```

6.11 (*Financial application: compute commissions*) Write a function that computes the commission, using the scheme in Exercise 5.39. The header of the function is:

```
def computeCommission(salesAmount):
```

Write a test program that displays the following table:

```
Sales Amount            Commission

10000                       900.0
15000                      1500.0
...
95000                     11100.0
100000                    11700.0
```

*6.18 (*Display matrix of 0s and 1s*) Write a function that displays an *n*-by-*n* matrix using the following header:

```
def printMatrix(n):
```

Each element is 0 or 1, which is generated randomly. Write a test program that prompts the user to enter **n** and displays an *n*-by-*n* matrix. Here is a sample run:

```
Enter n: 3  ↵ Enter
0 1 0
0 0 0
1 1 1
```