```python
# Fall 2018
# Lab 1


import math # Need for pi

# Programming Exercise 2.1
def circle_circumference(radius):
    circumference = 2 * math.pi * radius
    return circumference

# Programming Exercise 2.2
def circle_area(radius):
    area = math.pi * radius ** 2 # ** performs exponentiation
    return area

# Programming Exercise 2.3
def sphere_volume(radius):
    volume = 4.0 / 3.0 * math.pi * radius ** 3 # can use 4/3 in Python 3.x but not 2.x
    return volume

# Test the functions

# Gather user's input
my_radius = float(input('Enter radius: '))
# OR
# print('Enter radius:')
# my_radius = float(input())

# Call the functions defined earlier
my_circumference = circle_circumference(my_radius)
my_area = circle_area(my_radius)
my_volume = sphere_volume(my_radius)

# Output the results
print('Circle Circumference:', my_circumference)
print('Circle Area:', my_area)
print('Sphere Volume:', my_volume)

```

Results

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Enter radius: 6
Circle Circumference: 37.69911184307752
Circle Area: 113.09733552923255
Sphere Volume: 904.7786842338603
```