CS 150 Quiz 1 practice questions  2/22/19

1. Some comments start with #. What are these called and what are they used for?

2. Some comments are enclosed in """". What are these called and what are they used for?

3. Write a for-loop that prints the first 10 odd integers.

4. Write a function that takes a parameter n and prints the first n odd integers (use a for-loop).

5. The following program is supposed to calculate and print the length of the hypotenuse of a right triangle with sides of length 3 and 4. The program has one Python syntax error, one Python runtime error and one logical error (i.e., with just this error the program would successfully run but would produce an incorrect result). Circle and clearly fix the errors.

```python
# Take the sqrt of a number
def my_sqrt(x):
    return x ** (1//2)

# Calculate the length of the hypotenuse of a right triangle
def hypotenuse(a, b):
    sum = a**2 + b**2
    return my_sqrt(sum)

print("If a is 3 and b is 4 then the hypotenuse is " + hypotenuse(3,4))
```