Exercises: Level 1

1. Write a python comment saying 'Welcome to python programming class by Manoj Khandelwal'
2. Declare a first name variable and assign a value to it
3. Declare a last name variable and assign a value to it
4. Declare a full name variable and assign a value to it
5. Declare a country variable and assign a value to it
6. Declare a city variable and assign a value to it
7. Declare an age variable and assign a value to it
8. Declare a year variable and assign a value to it
9. Declare a variable is_married and assign a value to it
10. Declare a variable is_true and assign a value to it
11. Declare a variable is_light_on and assign a value to it
12. Declare multiple variable on one line

Exercises: Level 2

1. Check the data type of all your variables using type() built-in function
2. Using the *len()* built-in function, find the length of your first name
3. Compare the length of your first name and your last name
4. Declare 5 as num_one and 4 as num_two
    i. Add num_one and num_two and assign the value to a variable total

ii. Subtract num_two from num_one and assign the value to a variable diff

iii. Multiply num_two and num_one and assign the value to a variable product

iv. Divide num_one by num_two and assign the value to a variable division

v. Use modulus division to find num_two divided by num_one and assign the value to a variable remainder

vi. Calculate num_one to the power of num_two and assign the value to a variable exp

vii. Find floor division of num_one by num_two and assign the value to a variable floor_division

5. The radius of a circle is 30 meters.

i. Calculate the area of a circle and assign the value to a variable name of *area_of_circle*

ii. Calculate the circumference of a circle and assign the value to a variable name of *circum_of_circle*

iii. Take radius as user input and calculate the area.

6. Use the built-in input function to get first name, last name, country and age from a user and store the value to their corresponding variable names

7. Run help('keywords') in Python shell or in your file to check for the Python reserved words or keywords