Python Exercise

Solve the following questions in jupyter notebook

PART-1

* What are the escape sequences in Python?
* What is the result of f**“{2+2}+{10%3}”**?
* Given (name = “john smith”), what will **name.title()** return?
* What does name.**strip()** do?
* What is the difference between **10 / 3** and **10 // 3**?

PART-2

* What is the result of 10 \*\* 3?
* Given (**x = 1**), what will be the value of after we run (**x += 2**)?
* How can we round a number?
* What is the result of **float(1)**?
* What is the result of **bool(“False”)**?
* What are the falsy values in Python?
* What is the result of **10 == “10”**?
* What is the result of **“bag” > “apple”**?
* What is the result of **not(True or False)**?
* Under what circumstances does the expression **18 <= age < 65**evaluate to True**?**
* What does **range(1, 10, 2)** return?
* Name 3 iterable objects in Python.

PART-3

* What are keyword arguments and when should we use them?
* Write a function that returns the maximum of two numbers.
* Write a function called **fizz\_buzz**that takes a number.
  1. If the number is divisible by 3, it should return “Fizz”.
  2. If it is divisible by 5, it should return “Buzz”.
  3. If it is divisible by both 3 and 5, it should return “FizzBuzz”.
  4. Otherwise, it should return the same number.