Python

1. WAP to input 2 strings and swap the strings

2. WAP to generate 4 random numbers in the range 0-26 and print their average

3. WAP to generate and print a random uppercase or lowercase alphabet. Try these:
   - Create a string containing all alphabets and then select a random alphabet.
   - Check the module string

4. WAF **get_si()** that takes Principle, Rate and Time as arguments and returns the Simple Interest.

5. WAF **get_amount()** that takes Principle, Rate and Time as arguments and returns the Total amount using the get_si() function from above to calculate the SI. Also provide Rate = 10 and Time = 1 as default arguments.

6. WAP **get_ci()** that takes Principle, Rate and Time as arguments and returns the Compound Interest.

7. WAP **get_q_r()** taking 2 numbers as parameters and returns the quotient and remainder in the form of a tuple.

8. WAP to find the length of hypotenuse of a right angled triangle, input the height and base from user.

9. WAP to input number of seconds and print in days, hours, minutes and seconds
   ex: input = 10000

   Output = 0 day 2 hour 46 minute 40 second

10. Check your version of python interpreter without opening the interpreter (Which command needs to be used on the command line).

11. Find output:

```
X = 2
X *= 3
X = X%4
Y = - X
print(X,Y)
```

12. Find output:

```
def funct():
    pass

print(funct())
```

13. Read and complete till Part-3: (Part-4 After OOPs)

https://medium.com/the-python-diary/getting-around-complex-numbers-77308982178d