Python Task Level 1 :

1. Create a python function that takes 2 numbers x,y and prints 2 lists containing the odd and even numbers in the x,y range
2. Create a python function that takes 2 numbers x,y and prints all the numbers between 1 and 100 than can be divided on x,y
3. Create a python function that takes 2 numbers x, y and prints the multiplication table from x to y
4. Create a function that takes a sentence and prints the sentence without duplicated words
5. Create a function that takes a sentence and prints how many words in the sentence (do not count the spaces)
6. Create a function that takes a sentence and word and remove the word from the sentence
7. Create a function takes a sentence and a word and prints how many time the word used in the sentence
8. Create a function that takes x,y and prints all the number that can be divide by y from x to 100

Python Task Level 2 :

Names = ['mahmoud','farida','ali','hassan','mohamed','khaled','taha']

Using the names list above create a python code that :

1. Transform all names to uppercase using [normal list - list comprehension - functional programming]
2. Get the names that contains 'a' in a list using [normal list - list comprehension - functional programming]
3. Get the names that starts with 't' in a list using [normal list - list comprehension - functional programming]
4. Get the names that contains 2 or more 'a' letter using [normal list - list comprehension - functional programming]
5. Print a list contains the len of each word in the list using   [normal list - list comprehension - functional programming]
6. Unpack the list in
7. a,b , a= the first index , b = rest of the list
8. a = the first index , b = the last index
9. a = the first index , b = the second index

<u>Python Task Level 3 :</u>

10. Build a countdown calculator. Write some code that can take two dates as input, and then calculate the amount of time between them
11. Make a temperature/measurement converter. Write a script that can convert Fahrenheit to Celcius and back, or inches to centimeters and back, etc in 3 different ways
12. Build an email slicer : create a function that takes an email as input and retrieve the username and domain of the email
13. Currency converter : create a python script that takes a money with currency sign and convert it to some other currencies , the code should be like the game we did before