methods_and_functions_part1_hw

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1 Methods and Functions - Part 1 Homework

1.0.1 Practicing basics of functions

write a function that takes username, age, and phone number and prints them in the following format: ========== Username: James Age: 36 Phonenumber: 5552347889 ==========

[23]:
```
def print_info(name, age, phone):
    #Your code here
    pass
```

Write a function that multpliles all number in a list: sample input: [2,3,4,5] sample output: 120

[24]:
```
def multiply(arr):
    #your code here
    pass
```

Write a function that reverses a string: sample input: "The Dark Night" sample output: "thgiN kraD ehT"

[25]:
```
def reverse(in_str):
    #your code here
    pass
```

Write a function that accepts a string and prints the number of upper case letters and lower case letters:

[17]:
```
def count_letters(in_str):
    #your code here
    pass
```

Complete the function below, to take a list and return a new list with unique elemnts of the first list: Sample input: [1,2,3,3,3,3,4,4,5] Sample output: [1,2,3,4,5]

[18]:
```
def make_unique(nums):
    #wirte your code here
    pass
```

Write a function to calculate the factorial of a number

[19]:
```
def factorial(n):
    #Your code here
    pass
```

Write a function to check wether a number falls in a given range or not.

[10]:
```
def in_range(num):
    #your code here
    pass
```

Write a function that checks wether a string is pangram or not(returns True or False).

[20]:
```
def is_pangram(in_str):
    #your code here
    pass
```

Write a function that creates a list of even numbers between 10 and 30.

[21]:
```
def create_list():
    #Your code here
    pass
```

Write a function that takes a number as a parameter and checks wether the number is prime or not.

[13]:
```
def is_prime(num):
    #Your code here
    pass
```

Write a function calculation that accepts two variables as input and caluclates both subtraction and addition of them and returns both values in a single return call.

[22]:
```
def calculation(x, y):
    #Your code here
    pass
```

[ ]:
```

```