ASSIGNMENT-4

We can calculate the factorial of n numbers & store them in a dictionary in python.

factorial of n numbers:

```
def fact(n):
    if n == 0:
        return 1
    else:
        return n * fact(n-1)

n_values = [1, 2, 3, 4, 5]
factorial_dict = {}

for n in n values:
    factorial_dict[n] = factor(n)

print(factorial_dict)
```

In this code:

* we define a 'factorial' function to find factorial of a number.

* we create a list 'n_values' containing numbers for which you want to calculate factorial.

* we initialize empty dictionary 'factorial_dict'

* we iterate through values in 'n_value', calculate the factorials using function & store the result in 'factorial_dict'.

* finally, we print the 'factorial_dict' to see the dictionary values.

output:

__factorial of n numbers.__

{1: 1, 2: 2, 3: 6, 4: 24, 5: 120}