Day-05 Lecture Notes

> 💡 Goal - PyPassword Generator

> 📝 **Topics Covered :**
>
> - `For Loop` - Used for iterating over a sequence or iterable objects in Python.
>
> ```
> for items in list_of_items:
>     #Performs an operation for each item in the list.
> ```
>
> - `sum()` - A built-in function to add up all the numbers in a list.
> - `range(Start, End, Step-Size)` - Generates a sequence of numbers based on the provided parameters.
> - `Exercises for loops` - Fizzbuzz, Sum numbers, Maximum Number etc

Tip1 : The `range()` function is typically used with a loop to generate sequences.

▼ Goal

```
# Create a Password Generator

alphabets = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j
digits = ['1', '2', '3', '4', '5', '6', '7', '8', '9']
special = ['!', '#', '$', '%', '^', '&', '*', '(', ')', '@']

print("Welcome to the PyPassword Generator!")
# Add Logic Here
# Hint : Use .shuffle() list method
```