**TTL Lab Project**

Generating Strong Password using Python:-

Link of old code: - https://www.geeksforgeeks.org/generating-strong-password-using-python/  
  
  
New changes which can be done :-   
  
1. Can customize the length of the passwords

2. The randomness could be improved by using a more secure cryptographically secure random number generator.

3. Avoid common patterns in passwords.

4. Ensure the generated password is relatively easy to remember or manage for the user while maintaining security.  
  
  
  
5. Password Strength Checking: In addition to generating passwords, the enhanced project will include functionality to check the strength of both generated and user-provided passwords. This feature adds an extra layer of security by ensuring that all passwords meet specific criteria for strength, such as minimum length, inclusion of diverse character types (e.g., uppercase letters, lowercase letters, digits, symbols), and avoidance of common patterns or easily guessable sequences. By providing feedback on password strength, users can make informed decisions about the security of their passwords and take necessary actions to improve them if needed. This functionality enhances the overall usability and security of the password generation and management process within the project.

go for a wordlist top 20200 word of english