**Mini - Project Ideas:**

1. ~~Character recognition System (Basic one)~~
2. ~~Object recognition system (Simple one)~~
3. ~~Blending of two images to create a new image~~
4. ~~Scraping images from the web~~
5. ~~Scraping the text from the web page~~
6. ~~Dice rolling simulator~~
7. ~~Create a telephone dictionary. Use files~~
8. ~~Create an Address Book. Use files~~
9. ~~Hangman game~~
10. Visualizing Logic Circuits with Pygame
11. ~~Guessing the actual string out of mixed string~~
12. ~~Scientific calculator~~
13. Animate the given string
14. Generate strings for the given image
15. Generate the strings for the given audio
16. Generate the strings for the given video
17. Simulate the data sender and receiver using very good encoding schemes
18. ~~Railway reservation systems~~
19. ~~Simulate a stack/Queue using list~~
20. ~~Simulate a Binary search tree using list~~
21. ~~Removal of stop words from the given text~~
22. ~~Sentence generator~~
23. ~~Billing system for any application~~
24. ~~Automating the feedback system~~
25. ~~Simulate Super Sprint Game~~
26. Given a sentence, classify the words in it to different parts of speech. Use files or

NLTK

1. ~~Input a sentence from the user. Check it belongs to which type of sentence.~~

~~Assertive, Interrogative, exclamatory, Imperative~~

1. ~~Input a sentence from the user, Check whether it is there in passive voice or active voice~~
2. Generate the sine wave using python code
3. Create an image for the given input from the user
4. ~~Search for the file in our system using python code~~
5. ~~Dig information on different new libraries: beets, newsBlur, boto, salt~~
6. ~~find inverse of a matrix~~
7. ~~solve system of linear equations~~
8. develop a small statistical library
9. develop an analog clock
10. develop a spell checker
11. ~~may suggest the best possible word~~ 
    1. ~~can add words to the dict~~
12. ~~check a python program~~ 
    1. ~~for indentation errors~~
13. simulate cat command

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