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
27. Input a sentence from the user. Check it belongs to which type of sentence. Assertive, Interrogative, exclamatory, Imperative
28. Input a sentence from the user, Check whether it is there in passive voice or active voice
29. Generate the sine wave using python code
30. Create an image for the given input from the user
31. Search for the file in our system using python code
32. Dig information on different new libraries: beets, newsBlur, boto, salt
33. find inverse of a matrix
34. solve system of linear equations

35. develop a small statistical library
36. develop an analog clock
37. develop a spell checker
38. may suggest the best possible word
    a.   can add words to the dict
39. check a python program
    b.   for indentation errors

40. simulate cat command