1. **Hello World:** The classic first program in any language.
2. **Calculator:** Build a basic command-line calculator.
3. **Guess the Number:** Create a game where the computer generates a random number, and the user tries to guess it.
4. **Simple Alarm Clock:** Build a command-line alarm clock that plays a sound when the specified time is reached.
5. **Tic-Tac-Toe:** Implement a text-based version of the game.
6. **Temperature Converter:** Create a program that converts between Celsius and Fahrenheit.
7. **Student Database:** Build a program to manage student records.
8. **File Encryption/Decryption:** Implement a simple file encryption and decryption tool.
9. **To-Do List Manager:** Create a command-line to-do list manager.
10. **Simple Text Editor:** Develop a basic text editor with features like saving and loading files.
11. **Palindrome Checker:** Check if a given string is a palindrome.
12. **File Renamer:** Build a program that renames files in a folder according to specified criteria.
13. **Currency Converter:** Create a currency conversion tool.
14. **Calendar:** Implement a command-line calendar application.
15. **Hangman Game:** Develop a text-based Hangman game.
16. **Prime Number Generator:** Generate a list of prime numbers within a given range.
17. **File Comparison Tool:** Build a program that compares two text files and highlights the differences.
18. **Contact Manager:** Create a program to manage contacts with names, phone numbers, and addresses.
19. **Basic Shell:** Develop a simple command-line shell.
20. **Morse Code Translator:** Implement a program that converts text to Morse code and vice versa.
21. **Word Count Tool:** Create a program that counts the number of words in a text file.
22. **Basic Paint Application:** Develop a simple drawing application.
23. **Basic Web Server:** Build a minimal HTTP server.
24. **Password Manager:** Create a program that securely stores and manages passwords.
25. **Encryption/Decryption:** Implement a basic encryption and decryption algorithm.
26. **Barcode Generator:** Build a program that generates barcodes from text.
27. **Simple Chat Application:** Create a basic chat application for two users.
28. **Random Password Generator:** Generate strong random passwords.
29. **Text-Based RPG:** Develop a text-based role-playing game.
30. **Basic Database:** Create a basic key-value store.
31. **Simple Blog Platform:** Build a basic blog platform.
32. **File Backup Utility:** Create a program that backs up files to a specified location.
33. **Basic Paint Program:** Develop a more advanced paint program with features like shapes and colours.
34. **Basic File Explorer:** Build a simple command-line file explorer.
35. **Basic Database Management System:** Create a minimalistic database management system.
36. **Text-Based Chess Game:** Implement a text-based chess game.
37. **Basic Operating System Shell:** Develop a simple shell for a simulated OS.
38. **Basic Text Search Tool:** Create a program that searches for text within files.
39. **Basic File Compression/Decompression:** Implement a basic file compression and decompression tool.
40. **File Transfer Tool:** Build a program that transfers files between two computers on the same network.