

## 1. Basic Functionalities:

- Our code should function to allow the user to use it like a Notes/To-Do app similar to the ones on Apple devices. It should contain:
  - Inputs:
    - The first thing that should be an input is the user's choice on whether to do a To-Do list or note. The code for the note should allow the user to input strings, numbers, and files to store into the code. For the to-do list, the code will allow the user to make a list of to-dos with tasks for them to accomplish.
  - Process:
    - First, the code should also allow the user to choose between notes and to-do app. The code will allow the user to either save certain information, delete lines already written, or modify existing note files. The to-do side of the code should allow the user to add new tasks, modify existing ones, and finish/delete the completed ones.
  - Outputs:
    - The code will allow the user to view their existing notes or to-do list and display the changes the user made to that list. There should also be an option for the user to exit the program.

## 2. System Overview – Input, Process, and Output

**Input:** Choice to Create new/Open from list/Or search for a keyword in a file, user inputs text into their notes.

**Process:** Checking user inputs, algorithm efficiently finds key words within a saved file, saving the file locally, GUI that allows user to easily find and select their previously saved files.

**Output:** Saved files, information about text files.

