# Algorithm

* Start
* Display the options
  + File creation
  + File deletion
  + View the files
  + File searching
  + Exit the application
  + View the contents of file
* Read the input from keyboard
* Option 1
  + Read the file name
  + Check whether the file already exist
  + If exist rename it
  + Create the file with the file name specified
  + Read the contents of file from keyboard
  + Write to file specified
  + Exit the option
* Option 2
  + Read the file name
  + Check whether the file exist in the directory
  + If exist, then delete the file
  + Else display the message file not exist
* Option 3
  + Check whether the directory is empty
  + If empty, display the message as no files
  + List the files from the directory
* Option 4
  + List the files from the directory
  + Read the name of file from keyboard
  + Perform binary search algorithm to check whether the file exist or not
  + Display the message found if it exist or not found.
* Option 5
  + Read the name of file from keyboard
  + Read the file, assign it to another string
  + Display the string
* Option 6
  + Display a thank you message.