**Assessment project : file handling mechanisms**

**Github link:**

[**https://github.com/saranya611/testapp**](file:///C:\Users\SARANYA%20V\Desktop)

**Writeup:**

1. Create the class
2. Create a file to save all the filenames for retrieval during execution
3. Create arraylist that can store all the files.
4. Creating object for ObjectOutputStream and ObjectInputStream to save and retrieve the filenames
5. After that checking the presence of the file
6. Start 1st do-while loop to print the main menu with developer details of switch-case
   1. list the files in ascending order
      1. using predefined sorting techniques, the arraylist is sorted in ascending order
   2. business operations
      1. it moves into another switch-case and displays a menu
      2. add file
      3. delete file
      4. search file
      5. navigate to main menu
   3. close the application
      1. prints “closing the application Thank you” and the program is closed
7. Then ask the user to enter their choice in integer to complete their desired task. If the choice is invalid print ”invalid choice”
8. If the user chose business operation, it displays the menu to perform
   1. add the file
      1. ask user to give input as character
      2. if the file already present, print “already exists”
      3. -otherwise add the file to the arraylist
   2. delete the file
      1. get input from the user as character
      2. if the arraylist contains the file delete the file
      3. otherwise print ”file doesn’t exists”
   3. search the file
      1. using linear search the searching is done
      2. get input from user as character
      3. if the arraylist contains the file, print “file is present”
      4. otherwise print ”file is not present”
   4. navigate to the main menu
      1. close the present switch-case and navigate to main menu
9. Then ask the user to enter their choice in character to complete their desired task. If the choice is invalid print ”invalid choice”