

Virtual Keys Repository Prototype Application

Output Example

Test Case Scenario: Launch Program – Use Test Mode

Using the default test Directory as the main Directory and entering the main menu correctly

```
Welcome to the Virtual Keys Repository of LockedMe.com
Version: 1.0 PROTOTYPE
Client: Lockers Pvt. Ltd
Full Stack Developer Name: Thirumavalaven
*****

Do you like to run in Test directory(D:\Test) or change to specified directory, Please enter 'yes' or 'no' ?
yes
You specified the following target directory: D:\Simplilearn\LockedMe\Test
*****
*                MAIN MENU                *
*****
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
```

Choosing Option 1 to list Files in the directory in ascending order

TEST Directory Folder structure in Personal computer

This PC > Data (D:) > Simplilearn > LockedMe > Test				
	Name	Date modified	Type	Size
	ab1	07-04-2023 12:18	Text Document	0 KB
	ab2	07-04-2023 12:18	Text Document	0 KB
	abc	07-04-2023 12:22	Text Document	0 KB
	abc3	07-04-2023 12:18	Text Document	0 KB
	def	07-04-2023 12:18	Text Document	0 KB
	ghi	07-04-2023 12:18	Text Document	0 KB
	jkl	07-04-2023 12:18	Text Document	0 KB
WEB	mno	07-04-2023 12:18	Text Document	0 KB
	pqr	07-04-2023 12:18	Text Document	0 KB
d Sof	stu	07-04-2023 12:18	Text Document	0 KB
	vwx	07-04-2023 12:18	Text Document	0 KB
	xya3	07-04-2023 12:18	Text Document	0 KB
	xyz2	07-04-2023 12:18	Text Document	0 KB
	zya	07-04-2023 12:18	Text Document	0 KB

Virtual Keys Repository Prototype Application

OUTPUT

```
*****
*                               *
*           MAIN MENU           *
*                               *
*****
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
1
Selected main menu option: 1
Retrieving files from D:\Simplilearn\LockedMe\Test in ascending order
Directory: D:\Simplilearn\LockedMe\Test
Files:
ab1.txt
ab2.txt
abc.txt
abc3.txt
def.txt
ghi.txt
jkl.txt
mno.txt
pqr.txt
stu.txt
vwx.txt
xya3.txt
xyz2.txt
yza.txt
There are 14 files in the directory.
Enter 'c' to continue, 'x' to quit:
```

Entering “c” to continue and entering option “2” to views Business level options sub-menu

```
Enter 'c' to continue, 'x' to quit:
c
*****
*                               *
*           MAIN MENU           *
*                               *
*****
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
2
Selected main menu option: 2
.....
.   Business Level Options Sub-Menu   .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
```

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Choosing option “1” and Adding a file named “hello.txt”

```
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
1
Specify the file name to ADD to D:\Simplilearn\LockedMe\Test:
hello.txt
File created successfully!
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
```

Choosing option “3” and Searching for a file “hello.txt”

```
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
3
Specify the file name to SEARCH from D:\Simplilearn\LockedMe\Test:
hello.txt
Searching for file: hello.txt
hello.txt exists in D:\Simplilearn\LockedMe\Test
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
```

Virtual Keys Repository Prototype Application

Choosing option “2” and deleting a file “hello.txt”

```
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
2
Specify the file name to DELETE from D:\Simplilearn\LockedMe\Test:
hello.txt
Specified file exists...
Do you really want to delete please confirm - y or n?
y
File deleted Successfully
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
```

Choosing option “4” and heading back to main menu

```
.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
4
You specified the following target directory: D:\Simplilearn\LockedMe\Test
*****
*                MAIN MENU                *
*****
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
```

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Choosing option "3" and closing the application

```
You specified the following target directory: D:\SimpleLearn\Lockedme\resu
*****
*                               *
*          MAIN MENU           *
*          *****           *
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
3
Selected main menu option: 3
Closing application...
```

Giving Options which are not in the menu and checking the exception handling

```
You specified the following target directory: D:\SimpleLearn\Lockedme\resu
*****
*                               *
*          MAIN MENU           *
*          *****           *
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
4
Selected main menu option: 4
Please enter a valid option..
Enter 'c' to continue, 'x' to quit:

.....
.      Business Level Options Sub-Menu      .
.....
1. Add new file
2. Delete File (case sensitive)
3. Search for File (case sensitive)
4. Go back to main menu
.....
Choose your option...
6
Please enter a valid option...
```

Virtual Keys Repository Prototype Application

Giving a different directory (D:\\Test2) instead of test directory and listing its files in ascending order

```
*****
Welcome to the Virtual Keys Repository of LockedMe.com
Version: 1.0 PROTOTYPE
Client: Lockers Pvt. Ltd
Full Stack Developer Name: Thirumavalaven
*****

Do you like to run in Test directory(D:\\Test) or change to specified directory, Please enter 'yes' or 'no' ?
no
Enter the target directory for LockedMe.com to use...
D:\\Test2
You specified the following target directory: D:\\Test2
*****
*           MAIN MENU           *
*****
1. Display the current file names in ASCENDING order
2. Open Business Level Operations Menu
3. Close the application
*****
Choose your option...
1
Selected main menu option: 1
Retrieving files from D:\\Test2 in ascending order
Directory: D:\\Test2
Files:
abc.txt
art.txt
hello.txt
zeppo.txt
There are 4 files in the directory.
Enter 'c' to continue, 'x' to quit:
```

Giving a different directory which doesn't exist

```
*****
Welcome to the Virtual Keys Repository of LockedMe.com
Version: 1.0 PROTOTYPE
Client: Lockers Pvt. Ltd
Full Stack Developer Name: Thirumavalaven
*****

Do you like to run in Test directory(D:\\Test) or change to specified directory, Please enter 'yes' or 'no' ?
no
Enter the target directory for LockedMe.com to use...
D:\\Test3
Invalid directory...
Terminating Application
```