Switch(choice)

Display files using display() method in ascending order with Tree set

Case 1

No

Add File using addfile() method and store it in Tree set

Case 2

No

Case 3

Delete File using deletefile() method

Search File using searchfile() method and return index

Case 4

No

No

Exiting the application using exit() method

Case 5

No

Ask the user to give the correct input

default

Input is y

Yes

No