

File Handler(Simplilearn Project)

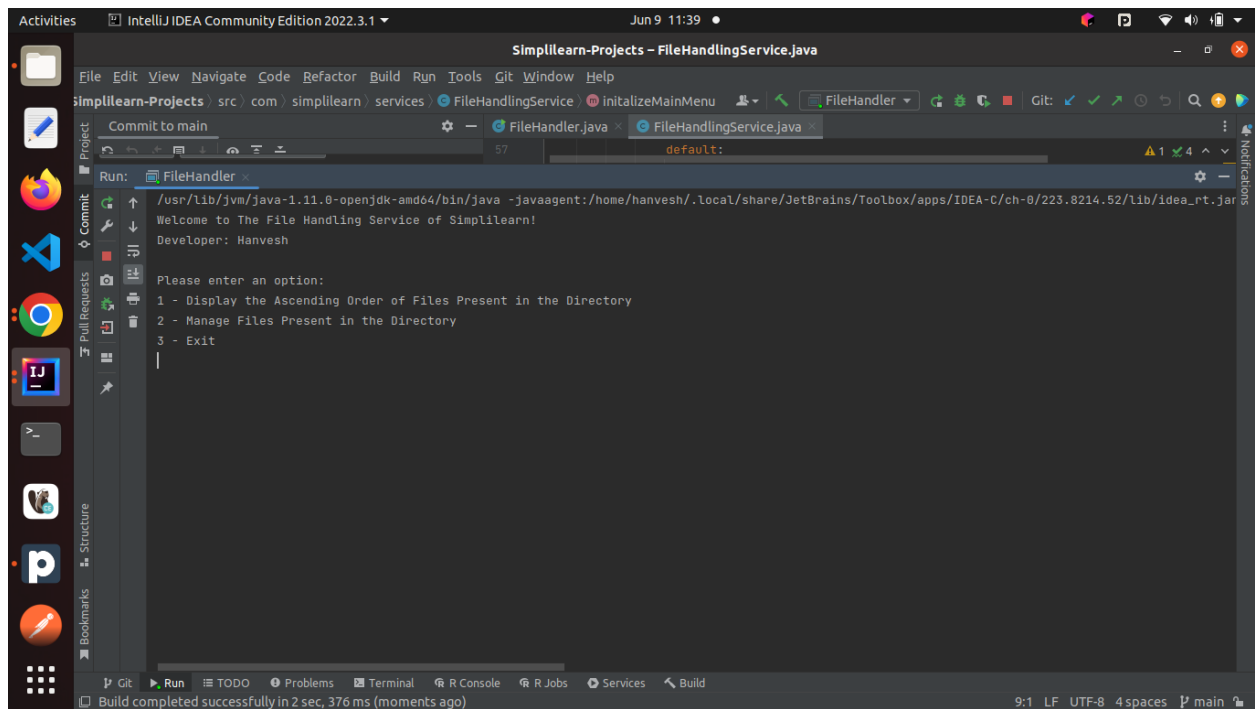
GitHub Link:

Please follow the Mentioned Git link to Observe the Code Snippet:

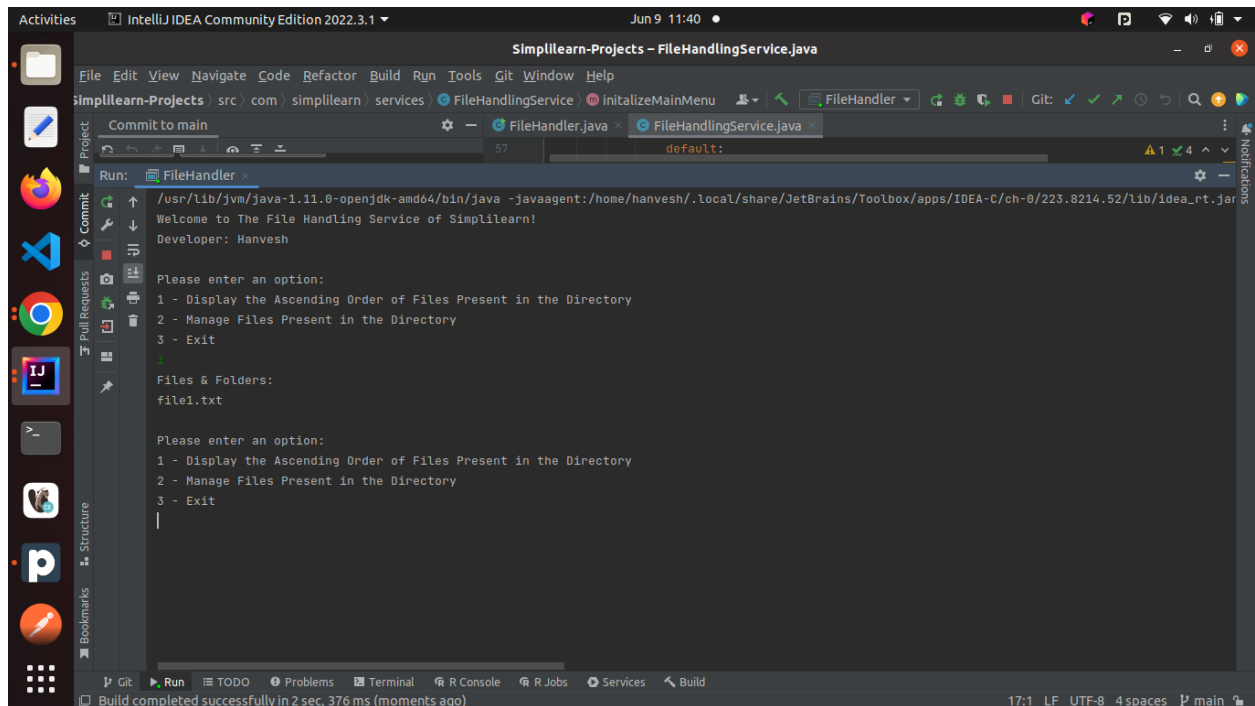
<https://github.com/Hanvesh/Simplilearn-Project>

Live Screenshots:

1.)Starting the File Handler Service



2.)Opting the first Choice



The screenshot shows the IntelliJ IDEA interface with the 'FileHandlerService.java' file open. The 'Run' console displays the following output:

```
Run: FileHandler
/usr/lib/jvm/java-11.0-openjdk-amd64/bin/java -javaagent:/home/hanvesh/.local/share/JetBrains/Toolbox/apps/IDEA-C/ch-0/223.8214.52/lib/idea_rt.jar
Welcome to The File Handling Service of Simplilearn!
Developer: Hanvesh

Please enter an option:
1 - Display the Ascending Order of Files Present in the Directory
2 - Manage Files Present in the Directory
3 - Exit
1

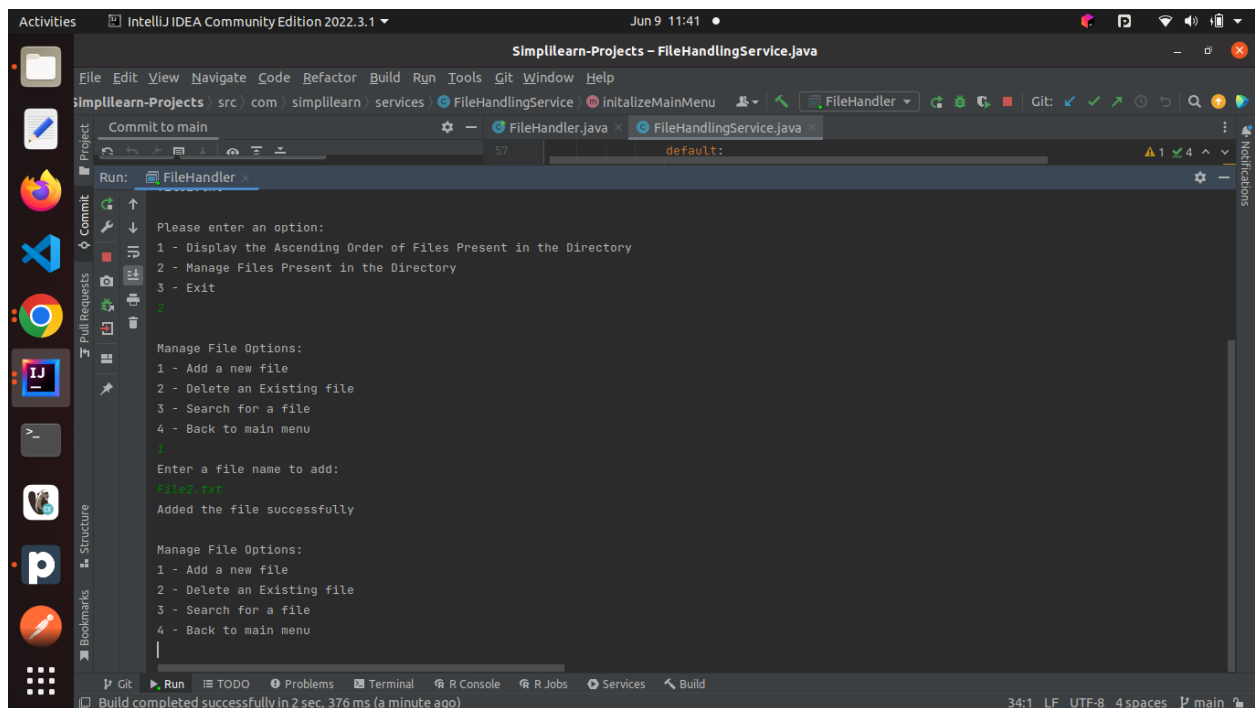
Files & Folders:
file1.txt

Please enter an option:
1 - Display the Ascending Order of Files Present in the Directory
2 - Manage Files Present in the Directory
3 - Exit
1
```

The status bar at the bottom indicates 'Build completed successfully in 2 sec, 376 ms (moments ago)' and '17:1 LF UTF-8 4spaces P main'.

3.)Opting the Second Choice

○ Adding File



The screenshot shows the IntelliJ IDEA interface with the 'FileHandler' application running. The 'Run' console displays the following output:

```
Run: FileHandler
Please enter an option:
1 - Display the Ascending Order of Files Present in the Directory
2 - Manage Files Present in the Directory
3 - Exit
2

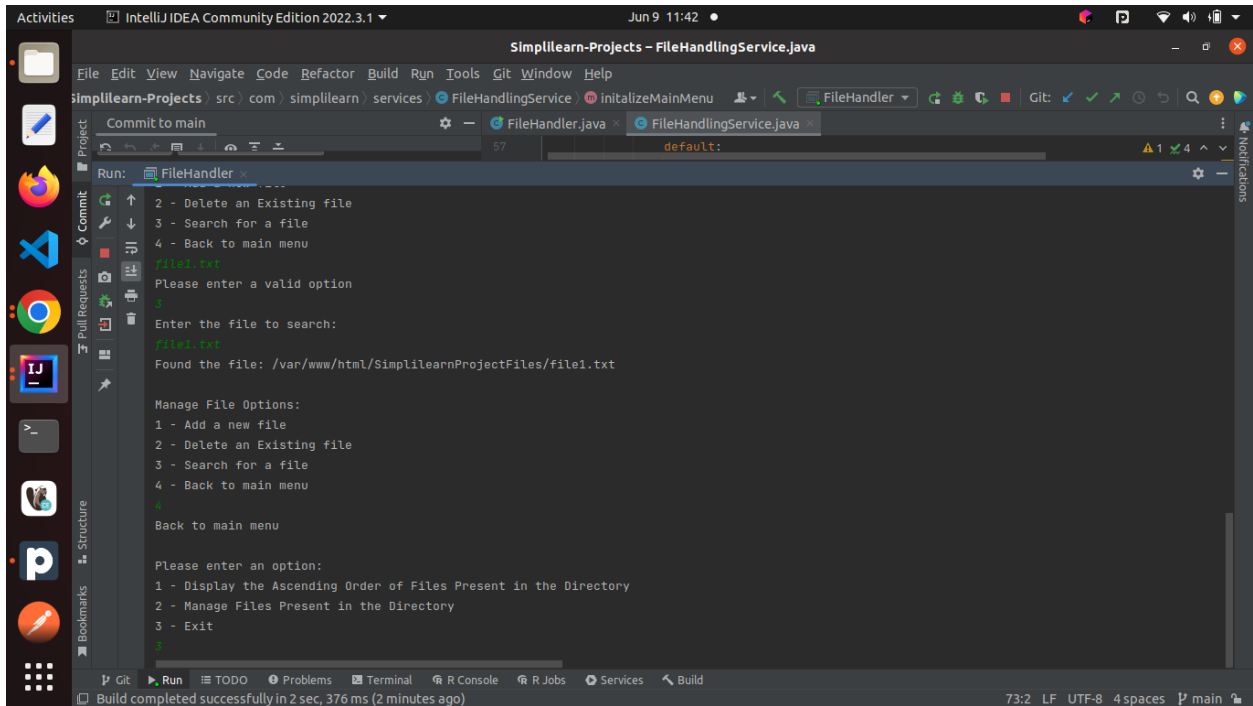
Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
1

Enter a file name to add:
file2.txt
Added the file successfully

Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
1
```

The status bar at the bottom indicates 'Build completed successfully in 2 sec, 376 ms (a minute ago)' and '34:1 LF UTF-8 4spaces P main'.

4.)Managing the Files

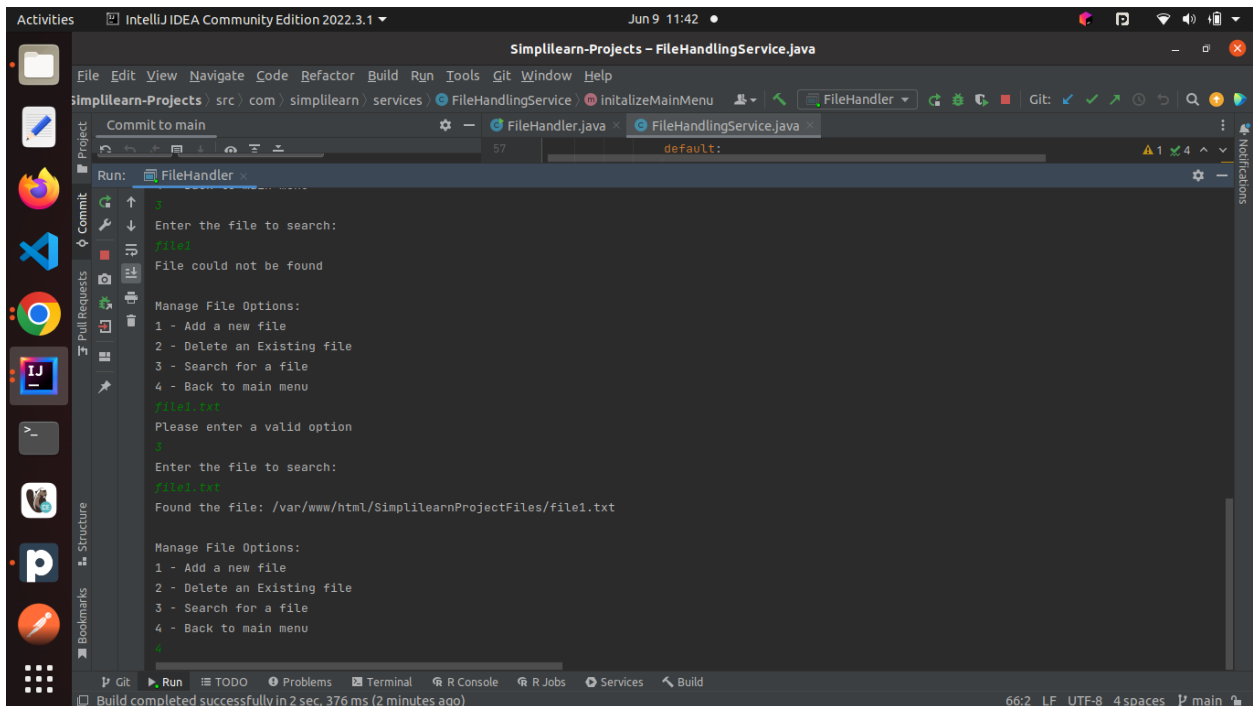


The screenshot shows the IntelliJ IDEA Community Edition 2022.3.1 interface. The main editor displays the `FileHandler.java` file. The run configuration is set to `FileHandler`. The terminal output shows the following sequence of events:

```
Run: FileHandler
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
file1.txt
Please enter a valid option
3
Enter the file to search:
file1.txt
Found the file: /var/www/html/SimplilearnProjectFiles/file1.txt

Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
3
Back to main menu

Please enter an option:
1 - Display the Ascending Order of Files Present in the Directory
2 - Manage Files Present in the Directory
3 - Exit
3
```



The screenshot shows the IntelliJ IDEA Community Edition 2022.3.1 interface. The main editor displays the `FileHandler.java` file. The run configuration is set to `FileHandler`. The terminal output shows the following sequence of events:

```
Run: FileHandler
3
Enter the file to search:
file1.txt
File could not be found

Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
3
Please enter a valid option
3
Enter the file to search:
file1.txt
Found the file: /var/www/html/SimplilearnProjectFiles/file1.txt

Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
3
```

Activities IntelliJ IDEA Community Edition 2022.3.1 Jun 9 11:41

Simplelearn-Projects - FileHandlingService.java

File Edit View Navigate Code Refactor Build Run Tools Git Window Help

Simplelearn-Projects src com simplelearn services FileHandlingService initializeMainMenu FileHandler Git

Commit to main 57 default:

Run: FileHandler

```
1
2 Enter the file to search:
3 file1.txt
4 File could not be found
5
6 Manage File Options:
7 1 - Add a new file
8 2 - Delete an Existing file
9 3 - Search for a file
10 4 - Back to main menu
11 file1.txt
12 Please enter a valid option
13 1
14 Enter the file to search:
15 file1.txt
16 Found the file: /var/www/html/SimplilearnProjectFiles/file1.txt
17
18 Manage File Options:
19 1 - Add a new file
20 2 - Delete an Existing file
21 3 - Search for a file
22 4 - Back to main menu
23 |
```

Build completed successfully in 2 sec, 376 ms (2 minutes ago) 66:1 LF UTF-8 4spaces P main

Activities IntelliJ IDEA Community Edition 2022.3.1 Jun 9 11:41

Simplelearn-Projects - FileHandlingService.java

File Edit View Navigate Code Refactor Build Run Tools Git Window Help

Simplelearn-Projects src com simplelearn services FileHandlingService initializeMainMenu FileHandler FileHandlingService.java Git

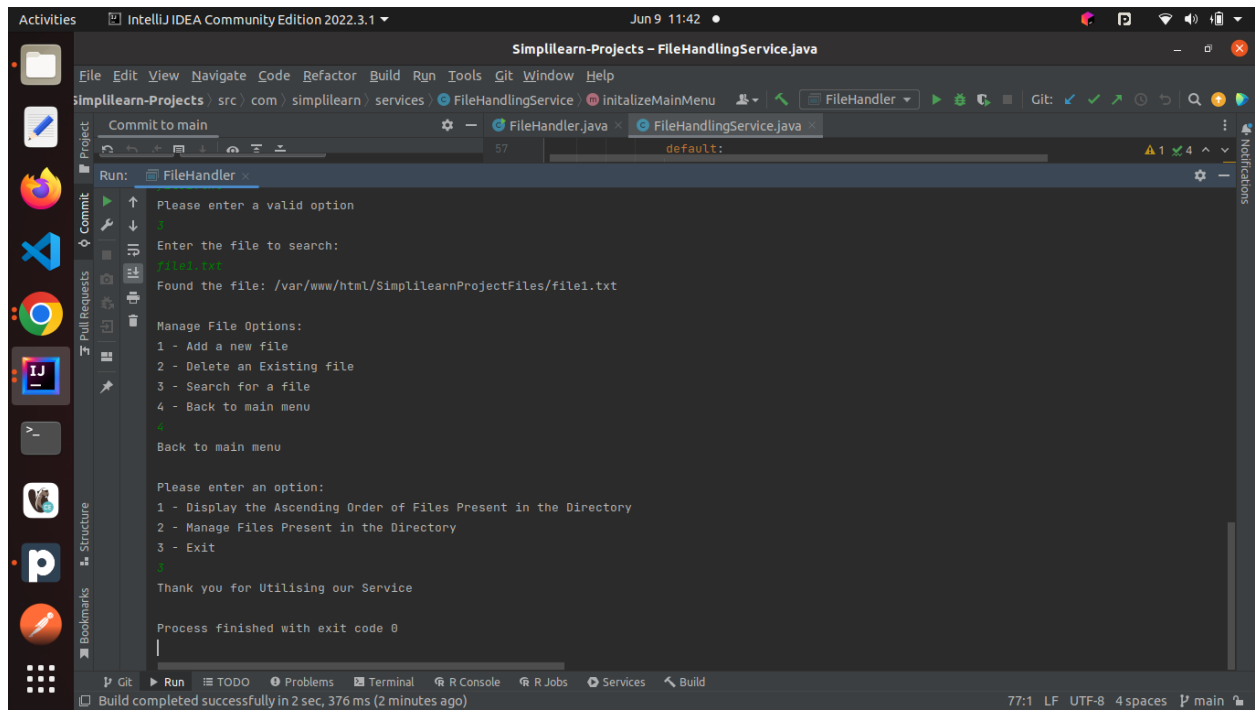
Commit to main 57 default:

Run: FileHandler

```
1
2 3 - Search for a file
3 4 - Back to main menu
4 1
5 Enter a file name to add:
6 file1.txt
7 Added the file successfully
8
9 Manage File Options:
10 1 - Add a new file
11 2 - Delete an Existing file
12 3 - Search for a file
13 4 - Back to main menu
14 1
15 Enter a file name to delete
16 file1.txt
17 File has been deleted successfully
18
19 Manage File Options:
20 1 - Add a new file
21 2 - Delete an Existing file
22 3 - Search for a file
23 4 - Back to main menu
24 |
```

Build completed successfully in 2 sec, 376 ms (2 minutes ago) 44:1 LF UTF-8 4spaces P main

5.)Opting the Final Choice



The screenshot shows the IntelliJ IDEA interface with the 'Run' console open. The console output is as follows:

```
Please enter a valid option
3
Enter the file to search:
file1.txt
Found the file: /var/www/html/SimplilearnProjectFiles/file1.txt

Manage File Options:
1 - Add a new file
2 - Delete an Existing file
3 - Search for a file
4 - Back to main menu
4
Back to main menu

Please enter an option:
1 - Display the Ascending Order of Files Present in the Directory
2 - Manage Files Present in the Directory
3 - Exit
3
Thank you for Utilising our Service

Process finished with exit code 0
```

The status bar at the bottom indicates: Build completed successfully in 2 sec, 376 ms (2 minutes ago). The bottom right corner shows: 77:1 LF UTF-8 4spaces P main.