## **Mini Search Engine**

## Sample input and outputs for queries.

This output shows the menu. It gives the error message when you enter incorrect choice.

```
firdevs@ideapad: ~/Desktop/datastructure/trie

File Edit View Search Terminal Help

(firo) firdevs@ideapad:~/Desktop/datastructure/trie$ python trie.py

Choose one query:

1 : find prefix

2 : find common words

3 : exit

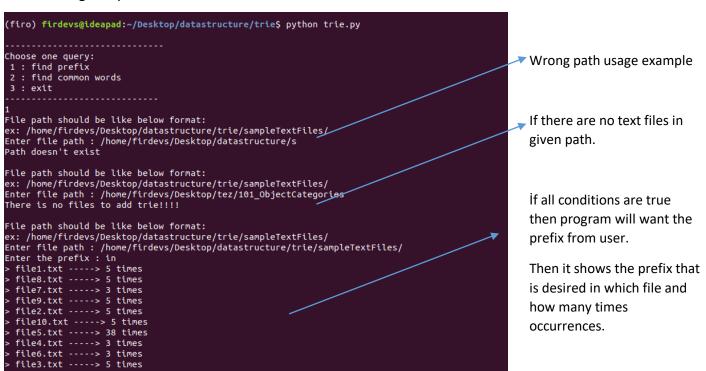
Choose one query:

1 : find prefix

2 : find common words

3 : exit
```

When you choose the 1<sup>st</sup> query, Program will want the path as input from user to make search text files in given path.



If user choose the 2<sup>nd</sup> query, program shows common words between all files that are in given path. This example shows the project sample text files' results. 2<sup>nd</sup> query also makes same error check as 1<sup>st</sup> query makes, for given path.

```
firdevs@ideapad: ~/Desktop/datastructure/trie

File Edit View Search Terminal Help

(firo) firdevs@ideapad:~/Desktop/datastructure/trie$ python trie.py

Choose one query:
1: find prefix
2: find common words
3: exit

2

File path should be like below format:
ex:/home/firdevs/Desktop/datastructure/trie/sampleTextFiles/
Enter file path: /home/firdevs/Desktop/datastructure/trie/sampleTextFiles/

IN GIVEN FILES, COMMON WORDS ARE:
{'in'}
```

If there is no common word between this files, program shows error message. And user chooses 3<sup>rd</sup> choice program will be end.

```
firdevs@ideapad: ~/Desktop/o
File Edit View Search Terminal Help
(firo) firdevs@ideapad:~/Desktop/datastructure/trie$ python trie.py
 Choose one query:
1 : find prefix
2 : find common words
3 : exit
File path should be like below format:
ex :/home/firdevs/Desktop/datastructure/trie/sampleTextFiles/
Enter file path : /home/firdevs/Desktop/datastructure/trie/sampleTextFiles/
No common words!!!
Choose one query:
1 : find prefix
2 : find common words
3 : exit
PROGRAM IS END, BYE :)
(firo) firdevs@ideapad:~/Desktop/datastructure/trie$
```