

Vi Editor - Assignments

1. Invoke the vi editor with a filename (which is to be created)

Vi chai.txt

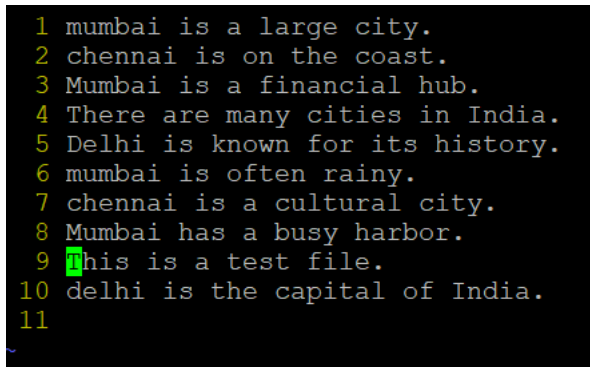
2. Type a few lines(at least 10) in the editor. Let one or more lines contain the words given below.

delhi mumbai chennai Mumbai

3. Save the file without exiting the editor
4. :w
5. Navigate quickly to the beginning & end of the file
6. Beginning : gg
7. End : G
8. Delete first two lines & copy it after the last line

2dd

p.



```
1 mumbai is a large city.
2 chennai is on the coast.
3 Mumbai is a financial hub.
4 There are many cities in India.
5 Delhi is known for its history.
6 mumbai is often rainy.
7 chennai is a cultural city.
8 Mumbai has a busy harbor.
9 This is a test file.
10 delhi is the capital of India.
11
```

9. Now Copy the last two lines & paste them before the first line.

2yy

p

```
1 mumbai is a large city.
2 chennai is a cultural city.
3 Mumbai has a busy harbor.
4 chennai is on the coast.
5 Mumbai is a financial hub.
6 There are many cities in India.
7 Delhi is known for its history.
8 mumbai is often rainy.
9 chennai is a cultural city.
10 Mumbai has a busy harbor.
11
12 This is a test file.
13 delhi is the capital of India.
~
~
~
```

10. Combine last two lines of the file in a single line.

G

J

```
1 mumbai is a large city.
2 chennai is a cultural city.
3 Mumbai has a busy harbor.
4 chennai is on the coast.
5 Mumbai is a financial hub.
6 There are many cities in India.
7 Delhi is known for its history.
8 mumbai is often rainy.
9 chennai is a cultural city.
10 Mumbai has a busy harbor.
11 This is a test file. delhi is the capital of India.
~
```

11. How will you insert a line before the first line? (Hint : Find such an option in the tutorial document)

O

```
1 █
2 mumbai is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 Delhi is known for its history.
9 mumbai is often rainy.
10 chennai is a cultural city.
11 Mumbai has a busy harbor.
12 This is a test file.  delhi is the capital of India.
~
~
```

12. How will you paste a yanked buffer before the current line?

p

```
1
2 mumbai is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 Delhi is known for its history.
9 █chennai is a cultural city.
10 Mumbai has a busy harbor.
11 Mumbai has a busy harbor.
12 Delhi is known for its history.
13 mumbai is often rainy.
14 chennai is a cultural city.
15 Mumbai has a busy harbor.
16 This is a test file.  delhi is the capital of India.
~
~
```

13. Search the document for a string “delhi”

/delhi

15. Replace all occurrences of “delhi” on a particular line with “Mumbai” using one command

:s/delhi/Mumbai/g

```

1 mumbai is a large city.
2 chennai is a cultural city.
3 Mumbai has a busy harbor.
4 chennai is on the coast.
5 Mumbai is a financial hub.
6 There are many cities in India.
7 delhi is known for its history.
8 chennai is a cultural city.
9 delhi has a busy harbor.
10 delhi has a busy harbor.
11 Delhi is known for its history.
12 mumbai is often rainy.
13 chennai is a cultural city.
14 delhi has a busy harbor.
15 This is a test file. delhi is the capital of India.

```

4 substitutions on 4 lines

16. Replace “delhi” with “mumbai” for the entire document using one command.

```
:%s/delhi/mumbai/15
```

```
1
2 mumbai is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 mumbai is known for its history.
9 chennai is a cultural city.
10 mumbai has a busy harbor.
11 mumbai has a busy harbor.
12 Delhi is known for its history.
13 mumbai is often rainy.
14 chennai is a cultural city.
15 mumbai has a busy harbor.
16 This is a test file. mumbai is the capital of India.
```



```

1
2 mumbai is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 mumbai is known for its history.
9 chennai is a cultural city.
10 mumbai has a busy harbor.
11 mumbai has a busy harbor.
12 Delhi is known for its history.
13 mumbai is often rainy.
14 chennai is a cultural city.
15 mumbai has a busy harbor.
16 This is a test file. mumbai is the capital of India.
~
~
~

```

19. Replace only the first occurrence of “delhi” with “mumbai” in each line, for part of a document (e.g. line number 13 to 37).

:10,13s/Delhi/mumbai/

```

1
2 mumbai is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 mumbai is known for its history.
9 chennai is a cultural city.
10 mumbai has a busy harbor.
11 mumbai has a busy harbor.
12 mumbai is known for its history.
13 mumbai is often rainy.
14 chennai is a cultural city.
15 mumbai has a busy harbor.
16 This is a test file. mumbai is the capital of India.
~

```

20. Undo the above comment. Redo it. Undo it again.

Press u to **undo**.

Press Ctrl + r to **redo**.

Press u again to **undo**.

21. Replace all occurrences of “delhi” with “mumbai” for complete file interactively.

:%s/delhi/mumbai/gc

```

1
2 delhi is a large city.
3 chennai is a cultural city.
4 Mumbai has a busy harbor.
5 chennai is on the coast.
6 Mumbai is a financial hub.
7 There are many cities in India.
8 delhi is known for its history.
9 chennai is a cultural city.
10 delhi has a busy harbor.
11 delhi has a busy harbor.
12 delhi is known for its history.
13 delhi is often rainy.
14 chennai is a cultural city.
15 delhi has a busy harbor.
16 This is a test file. delhi is the capital of India.
~
~

```

22. Search for a word backwards. Loop through all matches.

?delhi

Press n to loop through matches in reverse order.

23. Search for a word forwards. Loop through all matches

/delhi

Press n to loop through matches.

24. Join two lines together.

J

```

1 delhi is a large city. chennai is a cultural city.
2 Mumbai has a busy harbor.
3 chennai is on the coast.
4 Mumbai is a financial hub.
5 There are many cities in India.
6 delhi is known for its history.
7 chennai is a cultural city.
8 delhi has a busy harbor.
9 delhi has a busy harbor.
10 delhi is known for its history.
11 delhi is often rainy.
12 chennai is a cultural city.
13 delhi has a busy harbor.
14 This is a test file. delhi is the capital of India.
~
~

```

25. Enable line numbering and then disable it

:set nu

:set nonu

```
delhi is a large city.  
chennai is a cultural city.  
Mumbai has a busy harbor.  
chennai is on the coast.  
Mumbai is a financial hub.  
There are many cities in India.  
delhi is known for its history.  
chennai is a cultural city.  
delhi has a busy harbor.  
delhi has a busy harbor.  
delhi is known for its history.  
delhi is often rainy.  
chennai is a cultural city.  
delhi has a busy harbor.  
This is a test file. delhi is the capital of India.  
~
```

26. Make the search case insensitive

:set ignorecase

27. Delete 4 lines (and then paste them somewhere else)

To delete 4 lines: 4dd

Paste: p

```
delhi is a large city.  
There are many cities in India.  
delhi is known for its history.  
chennai is a cultural city.  
delhi has a busy harbor.  
delhi has a busy harbor.  
delhi is known for its history.  
delhi is often rainy.  
chennai is a cultural city.  
delhi has a busy harbor.  
This is a test file. delhi is the capital of India.  
~
```

```
delhi is a large city.  
There are many cities in India.  
delhi is known for its history.  
chennai is a cultural city.  
delhi has a busy harbor.  
delhi has a busy harbor.  
delhi is known for its history.  
delhi is often rainy.  
chennai is a cultural city.  
delhi has a busy harbor.  
This is a test file. delhi is the capital of India.  
chennai is a cultural city.  
Mumbai has a busy harbor.  
chennai is on the coast.  
Mumbai is a financial hub.  
~
```

28. What is the command to delete part of the line starting from the current cursor position?

d\$

```
delhi is a large city.  
There are many cities in India.  
delhi is known for its history.  
chennai is a cultural city.  
delhi has a busy harbor.  
delhi has a busy harbor.  
delhi is known for its history.  
delhi is often rainy.  
chennai is a cultural city.  
delhi has a busy harbor.  
This is a test file. delhi is the capital of India.  
Mumbai has a busy harbor.  
chennai is on the coast.  
Mumbai is a financial hub.  
~
```

29. What is the command to delete the current word?

dw