Practical No : 3 vi editor

Create the file with the name "vi_test" with some meaningful contents using vi editor. Use this file to test various commands
[tybscit@localhost Desktop]$ cat>vi_test
Twinkle Twinkle
Little Star
How I Wonder waht you are ?
Up Above the worldsoHigh !!
Like a diamond in the Sky........
Jack and Jill
went up the hill
to fetch a pale of water
Jack fell down
and broke his crown
Jill came tumbling after.....

1. Shift from command mode to insert mode.
Code: vi vi_test
Output: shifts from command to insert mode

2. Enlist the basic cursor movement commands.
Code & Output:
Up Above the worldsoHigh !!
(pointer is at (t)he)
h - moves one letter forward
i - to insert records
j - moves to next line
k - moves to the previous line
backspace - move forward
spacebar - move backward
^/0 - moves to the initial letter of the word

3. Moves the cursor to the beginning of next line.
Code & Output: +

4. Moves the cursor to the beginning of previous line.
Code & Output: -

5. Observe what happens when you type 5b in current line?
Code: 5b
Output: it goes 5 words behind

6. Observe what happens when you type 3w in current line?
Code: 3w
Output: It goes 3 words forward.

7. Moves the cursor to the first character of the next word in current line.
Code & Output: w

8. Moves the cursor to the first character of the previous word in current line.
Code & Output: b

9. Moves the cursor to the end of the current word in current line.
Code & Output: e

10. Set the line numbering against each line.
Code: :set number
Output:
1 Twinkle Twinkle
2 Little Star
3 How I Wonder waht you are ?
4 Up Above the worldsoHigh !!
5
6 Like a diamond in the Sky........
7 Jack and Jill
8 went up the hill
9 to fetch a pale of water
10 Jack fell down
11 and broke his crown
12 Jill came tubling after.....

11. What will happen when you type G and 5G? Observe the output.
Code & Output:
G - goes to the last line
5G - goes to the fifth line

12. Enlist delete characters/lines commands.
Code & Output:
x - deletes 1 letter
X- does nothing
dw- deletes 1 letter
ddcnx- deletes 1 letter
nx- deletes 1 letter
ndw-deletes 1 word
ndd-deletes 1 word
do- (current folder is not in diff mode)
ds- does nothing
DJ-deletes 1 entire line

13. Save your current work and remain in editing mode.
Code & Output: Esc:w

14. 1Delete a line that is three lines down the current line.

Code & Output: Esc:+3d

15. Delete a line that is four lines above the current line.
Code & Output: Esc:-4d

16. Delete all three lines below the current line including current line.
Code & Output: Esc:.,3d

17. Abort the changes.
Code & Output: Esc:w!

18. Save your work and quit from vi editor.
Code & Output: Esc:wq

19. What will happen when you type the command vi +5 vi_test? Observe the output.
Output: a new empty vi folder is created

20. Delete 7th line.
Code: Esc:7d
Output: 7th line deleted.

21. Delete lines from 3rd to 5th.
Code: Esc :3,5d
Output: Lines Deleted.

22. Move line 5th after line 7.
Code: Esc:5 mo 7
Output:
Twinkle Twinkle
Jack and Jill
went upthe hill
Little Star
Up Above the worldsoHigh!!
Like a diamond in the Sky........
How I wonder waht you are ?
to fetch a pale of water
Jack fell down
and broke his crown
Jill came tumbling after.....

23. Move line 2nd to 5th after line 9.
Code: Esc:2,5 mo 7
Output:
Twinkle Twinkle
Like a diamond in the Sky........
How I wonder waht you are ?
Jack and Jill

went upthe hill
Little Star
Up Above the worldsoHigh!!
to fetch a pale of water
Jack fell down
and broke his crown
Jill came tumbling after.....
4 lines moved

24. Copy line 4th after line 6.
Code: Esc:4 co 6
Output:
Twinkle Twinkle
Like a diamond in the Sky........
How I wonder waht you are ?
Jack and Jill
went upthe hill
Little Star
Jack and Jill
Up Above the worldsoHigh!!
to fetch a pale of water
Jack fell down
and broke his crown
Jill came tumbling after.....

25. Copy lines 6th to 10th after line 8.
Code: Esc:6,10 mo 11d
Output:
Twinkle Twinkle
Like a diamond in the Sky........
How I wonder waht you are ?
Jack and Jill
went upthe hill
and broke his crown
Little Star
Jack and Jill
Up Above the worldsoHigh!!
to fetch a pale of water
Jack fell down
Jill came tumbling after.....

26. Save current file with the new filename "test_vi".
Code: Esc:4 test_vi

27. Write line 2 in new file "example".
Code: Esc:2 w example
Output: "example" [New] 1L, 34C written 5,1 All

28. Write current line in new file "eg1".
Code: Esc:.w eg1
Output: "eg1" [New] 1L, 16C written 5,1 All

29. Write last line in new file "eg2".
Code: Esc:$ w eg2
Output: "eg2" [New] 1L, 29C written 5,1 All

30. Write lines from current line to last line to a file "eg3".
Code: Esc:.,$ w eg2
Output: "eg3" [New] 8L, 160C written 5,1 All

31. Write lines 7 to 10 in new file "eg4".
Code: Esc:7,10 w eg4
Output: "eg4" [New] 4L, 79C written 5,1 All

32. Append lines 3 to 5 in file "example".
Code: Esc:3,5 w >> example
Output: "example" 2L, 50C appended 4,11 All

33. Read the contents of file "example" at current cursor position in file "test_vi".
Code: Esc:H example
Output:
How I wonder waht you are ?
Jack and Jill
went upthe hill
and broke his crown
Little Star
Jack and Jill
Up Above the worldsoHigh!!
to fetch a pale of water
Jack fell down
Jill came tubling after.....
vi_test [+][RO] 4,11 Bot
Jack and Jill
went upthe hill
and broke his crown
Little Star
Jack and Jill
Up Above the worldsoHigh!!
to fetch a pale of water
Jack fell down
Jill came tumbling after.....
~
~
vi_test [+][RO] 4,1 Bot

34. Replace first occurrence of "the" with "THE" in current line.
Code: Esc:.S/the/THE

35. Replace all occurrences of "this" with "THIS" in current line.
Code: Esc:.S/this/THIS/g

36. Replace all occurrences of "that" with "THAT" from lines 5 to 8.
Code: Esc:5,8,S/that/THAT/g

37. Replace all occurrences of "the" with "THE" from 1st line to end of file.
Code: Esc:1, $S/the/THE/g

38. Replace all occurrences of "how" with "HOW" from 1st line to current line.
Code: Esc:1,.S/how/HOW

39. Replace all occurrences of "that" with "THAT" from current line to end of file.
Code: Esc.$ S/that/THAT/g

40. Save your work and quit from vi editor.
Code: Esc:wq

41. Load three files "demo", "test", and "example" in vi buffer for editing.
Code: vi demo test example

42. Edit next file in the buffer.
Code: Esc:n

43. Display the names of all files in the buffer.
Code: Esc:args
Output: [vi_test]

44. Make some editing in this file.
Code: I or i

45. Edit next file in the buffer without saving the current file.
Code: Esc:n!

46. Edit first file in the buffer.
Code: Esc:rew

47. Display the name of the current file.
Code: Esc:f
Output: "vi_test" [Modified][readonly] 13 lines --100%--

48. Stop editing current file and edits file "videmo".
Code: Esc:e videmo

49. Edit first file in the buffer without saving current file.
Code: Esc:rew!
50. Restores last-saved edition of current line.
Code: Esc:e!

51. Returns to editing most recently edited file.
Code: Esc:e#
Output: "videmo" [New File]

52. Save your work and quits vi editor.
Code: Esc:wq
Output: "videmo" [New] 0L, 0C written 4,11 All

53. Load the file "vi_test".
Code: vi vi_test

54. Search for the pattern "the" in forward direction.
Code: /the

55. Search for the pattern "the" in backward direction.
Code: ?the

56. Search for all lines which begin with the word "how".
Code: /^how/

57. Search for all lines which end with the word "how".
Code: /how$/

58. Search for all strings which begin with the word "the".
Code: /^the/

59. Search for all strings which end with the word "the".
Code: /the$/

60. Search for only the whole word "what".
Code: ^<what\>/

61. Search for strings which contain any character in the range 'm' to's' and is followed by 'ing'.
Code: /[m-s]ing/

62. Search for all strings which contain the characters 'art', with art being preceded by any other character other than 'p'.
Code: /[^p]art/

63. Search for all words which begin with characters 'that' and end with any characters.

Code: /that/*

64. Save your work and quits vi editor.
Code: ESC:wq