

Text Processing in Linux - The Tail of a Text File #1

Problem Statement

Introduction to the 'tail' command

The tail command is used for displaying the last **n** lines of a text file. By default, it displays the last 10 lines when used in the form

```
tail [filename]
tail -n 11 [filename] -> Last 11 lines
tail -c 20 [filename] -> Last 20 characters
```

But we can also specify a specific number of lines to be displayed; and list multiple filenames as well. It may also be used to display a specified number of bytes from an input file. More details [about using the tail command](#) are here.

Task

Display the last 20 lines of an input file.

Input Format

A text file

Output Format

The last 20 lines of the text file.

Sample Input

```
From fairest creatures we desire increase,
That thereby beauty's rose might never die,
But as the ripper should by time decease,
His tender heir might bear his memory:
But thou contracted to thine own bright eyes,
Feed'st thy light's flame with self-substantial fuel,
Making a famine where abundance lies,
Thy self thy foe, to thy sweet self too cruel:
Thou that art now the world's fresh ornament,
And only herald to the gaudy spring,
Within thine own bud buriest thy content,
And tender churl mak'st waste in niggarding:
Pity the world, or else this glutton be,
To eat the world's due, by the grave and thee.
When forty winters shall besiege thy brow,
And dig deep trenches in thy beauty's field,
Thy youth's proud livery so gazed on now,
Will be a tattered weed of small worth held:
Then being asked, where all thy beauty lies,
Where all the treasure of thy lusty days;
To say within thine own deep sunken eyes,
Were an all-eating shame, and thriftless praise.
How much more praise deserved thy beauty's use,
If thou couldst answer 'This fair child of mine
Shall sum my count, and make my old excuse'
```

Sample Output

Feed'st thy light's flame with self-substantial fuel,
Making a famine where abundance lies,
Thy self thy foe, to thy sweet self too cruel:
Thou that art now the world's fresh ornament,
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