20181002b advanced args help and pipe

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## Getting Help and Pipes

By default, the head command in Unix displays the first 10 lines of a specified file. You can change the number of lines using an argument that indicates the numeric value of the desired number of lines.  
Which of the following commands displays only the first 6 lines of a manual for the ls command?  
\* man ls | head -6

#### 

## ls –help

### the R (gitbash) version of man ls

* normally ls –help would give a very lengthy documents directly printed onto the terminal
* we may need to print it into a txt file to get a better result

[cheun@DESKTOP-1JC77EH](mailto:cheun@DESKTOP-1JC77EH) ~/Documents/HarvardX-PH125.5x-Data-Science-Productivity-Tools (master)  
$ ls –help > ls\_help.txt

## the need of pipe ‘|’

* we can use pipe to make us easier reading the help file

[cheun@DESKTOP-1JC77EH](mailto:cheun@DESKTOP-1JC77EH) ~/Documents/HarvardX-PH125.5x-Data-Science-Productivity-Tools (master)  
$ ls –help | head -6  
Usage: ls [OPTION]… [FILE]…  
List information about the FILEs (the current directory by default).  
Sort entries alphabetically if none of -cftuvSUX nor –sort is specified.  
Mandatory arguments to long options are mandatory for short options too.  
-a, –all do not ignore entries starting with .