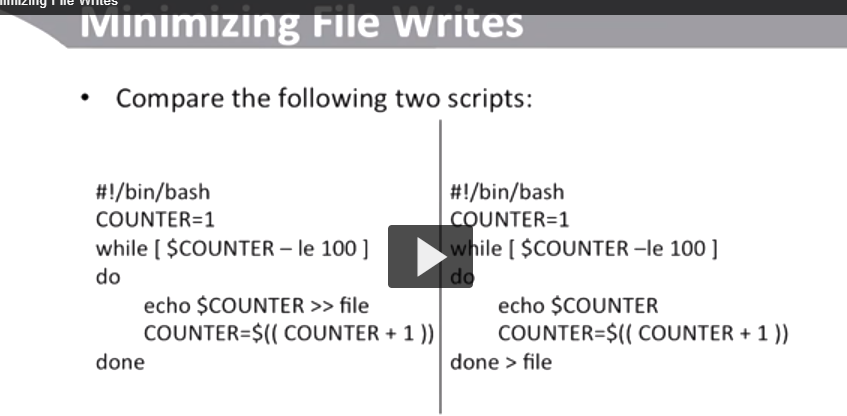




File write is quite expensive in terms of system performance.

So that is something really should be avoided



In first slide everytime iteration is performed then we done write operation to the output file.

You could do differently as well









Left script it is 100 writes and in the script we write once







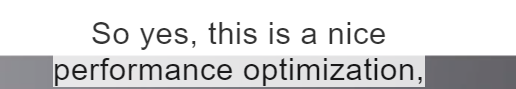




100 times its ok in right side buffer does not give any error but it writes 1 million times then we don’t have much space in buffer.



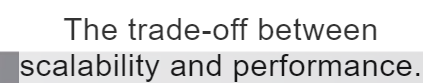




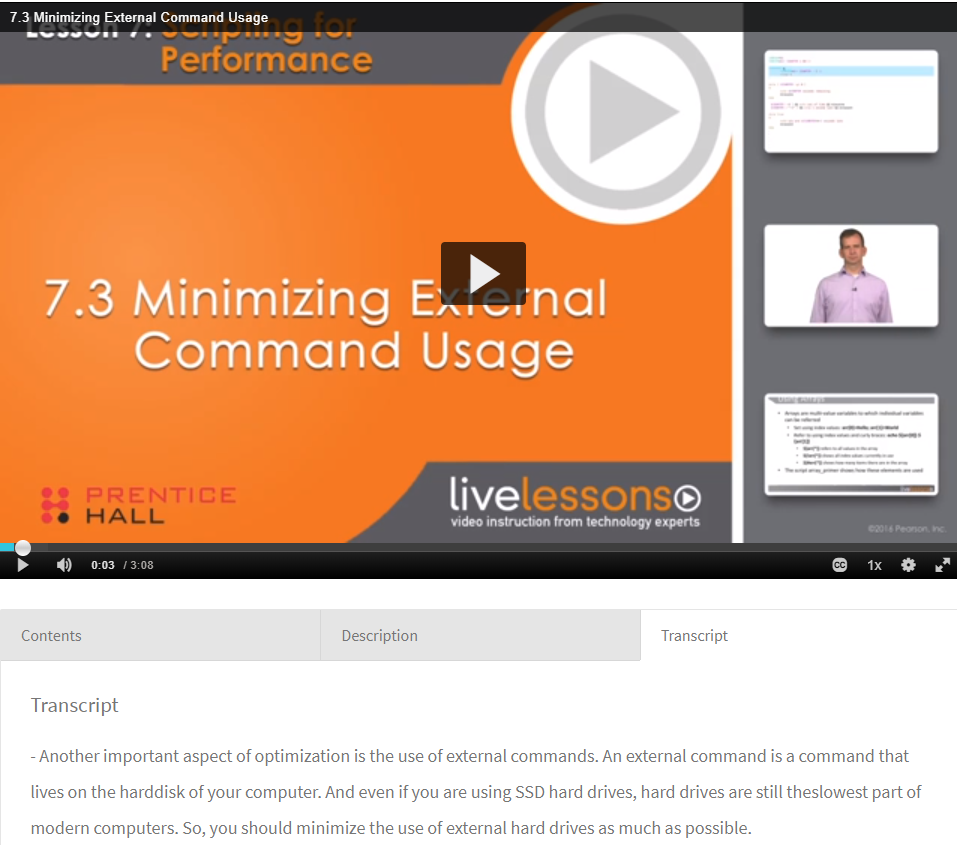


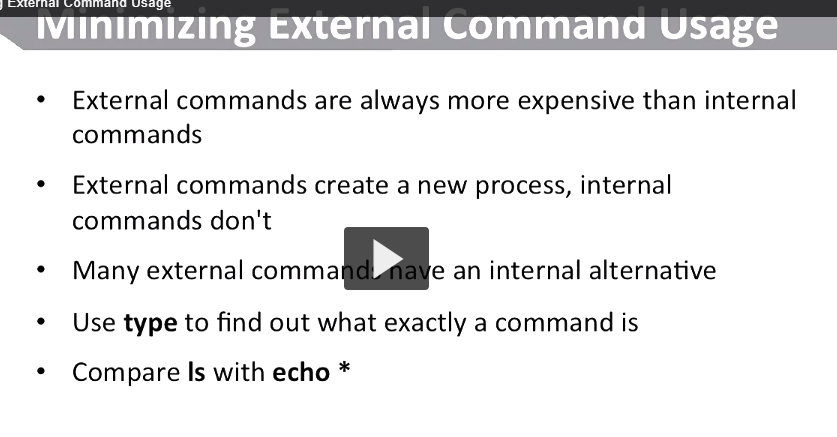




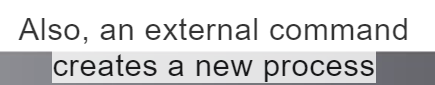


And it upto you then decide what fits your situation best

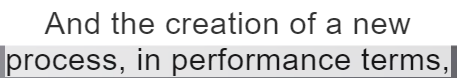




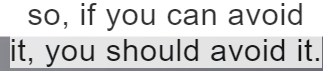
Internal commands are part of bash shell that is already loaded into the memory and it executes a lot faster.





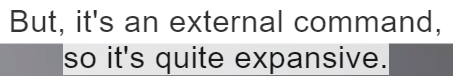








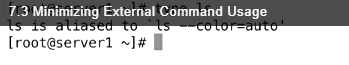
Awk is an excellent external command that allows you to do many filtering options in a very efficient way



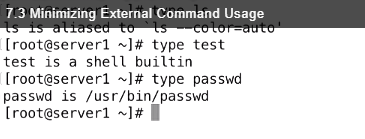


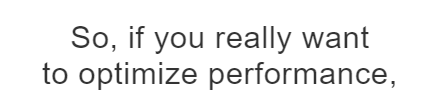
You can using pattern matching because pattern matching is internal and much more efficient.

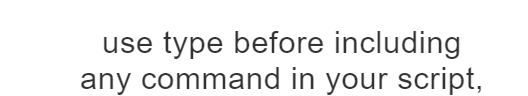
Ls is an external command that list files in the current directory and

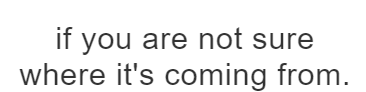




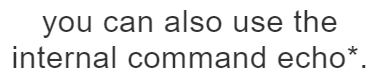




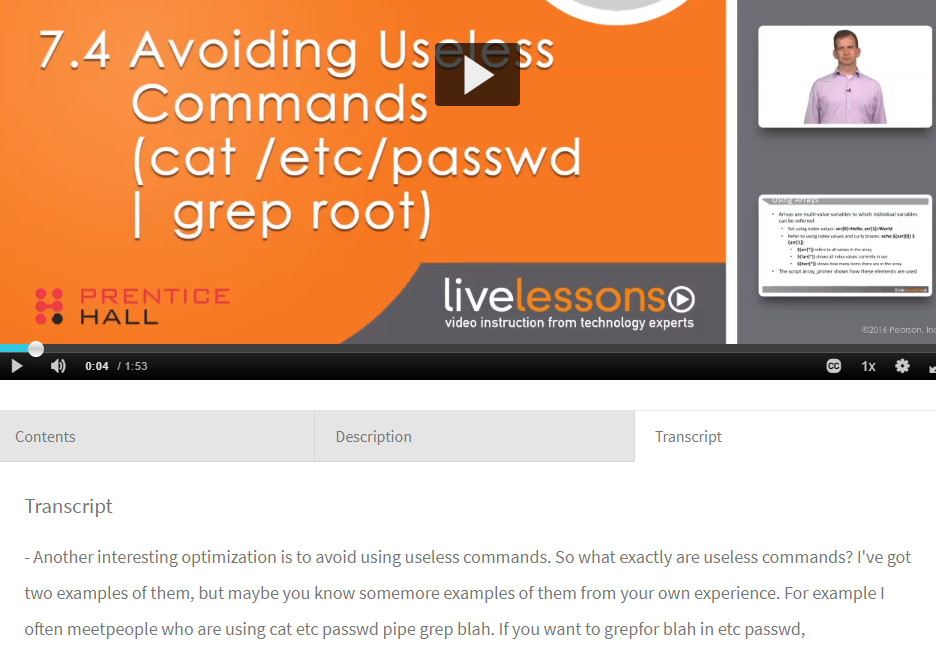


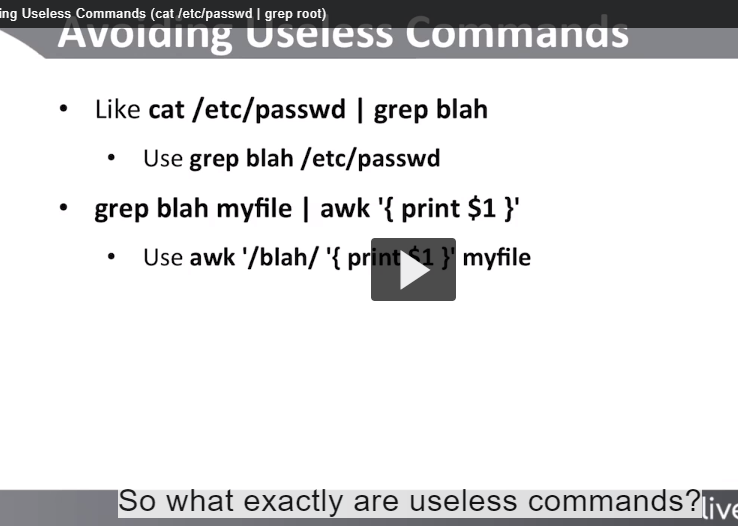




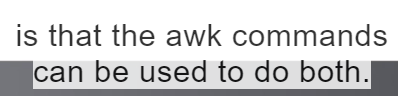


You can use echo\* for much more efficient solution

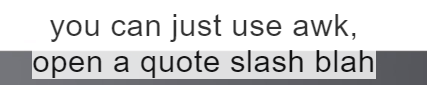






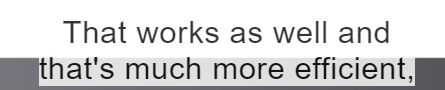




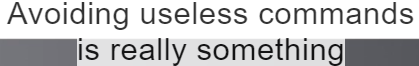




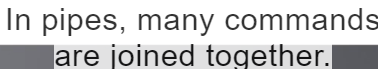






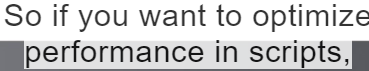




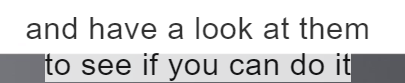




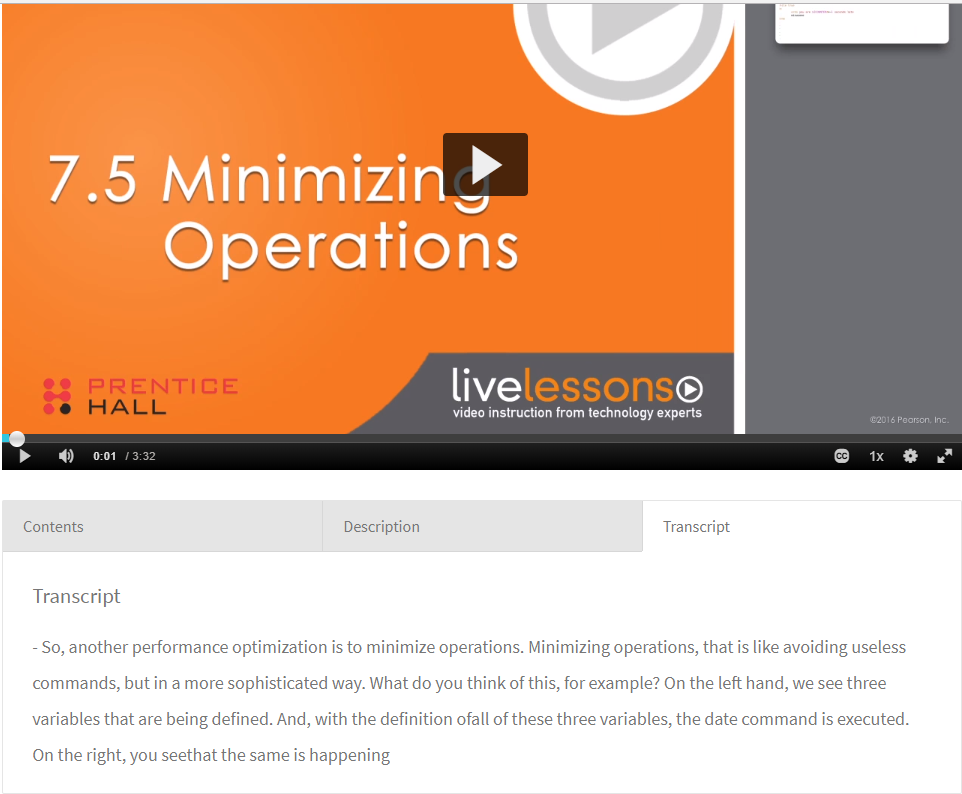


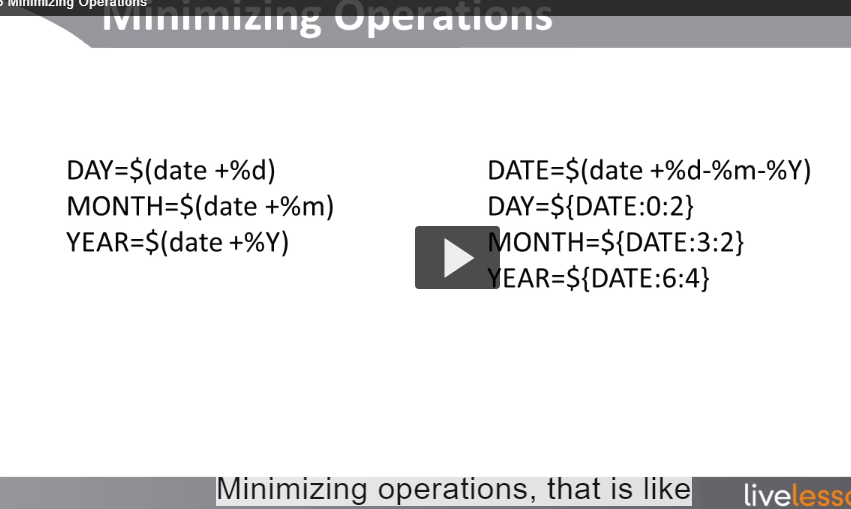




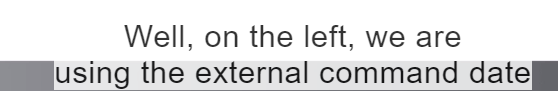




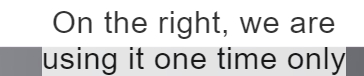




Avoid useless commands but in more sophisticated way



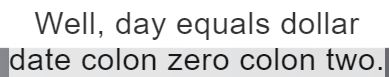
Three times in a row

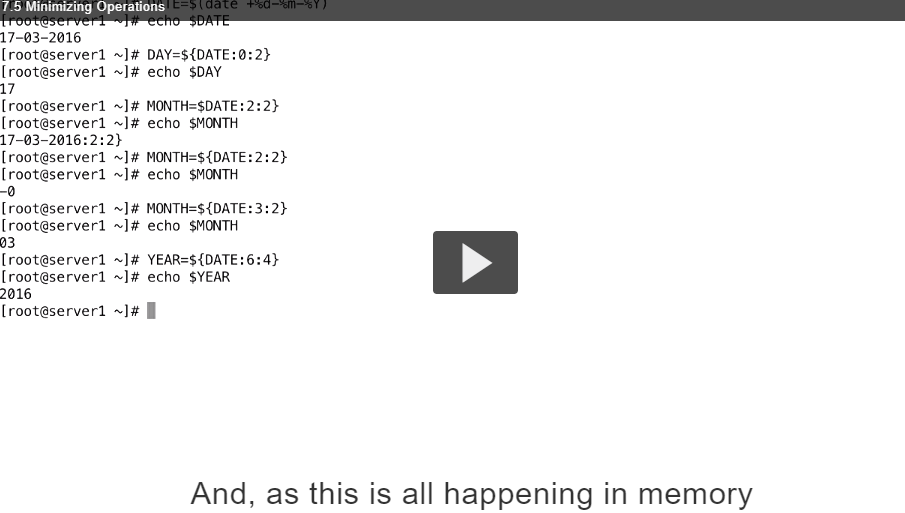


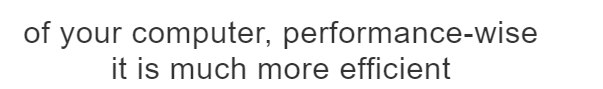


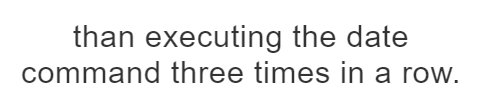


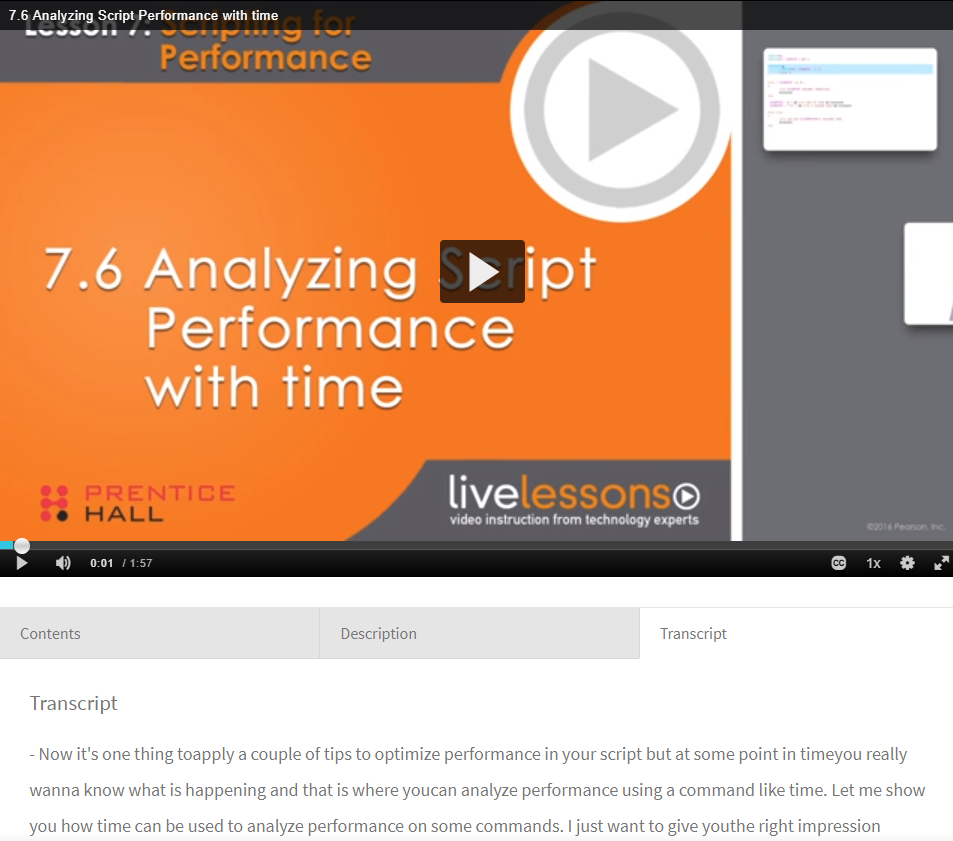








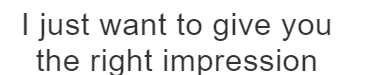




Analyze the performance using the command time







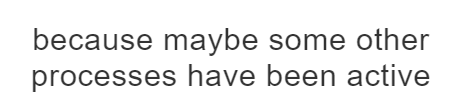


We do time ls

Real time ,user time and system time





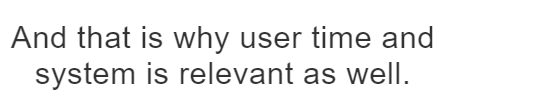


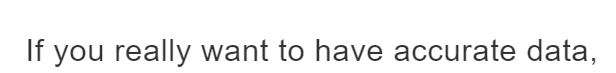


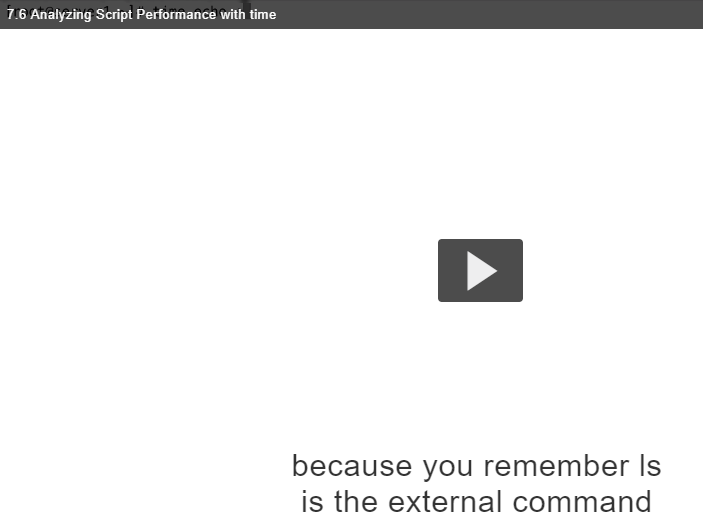


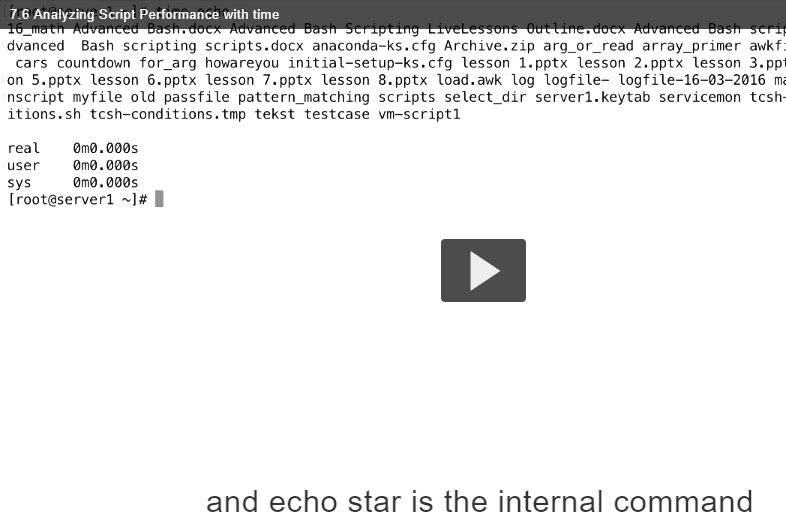


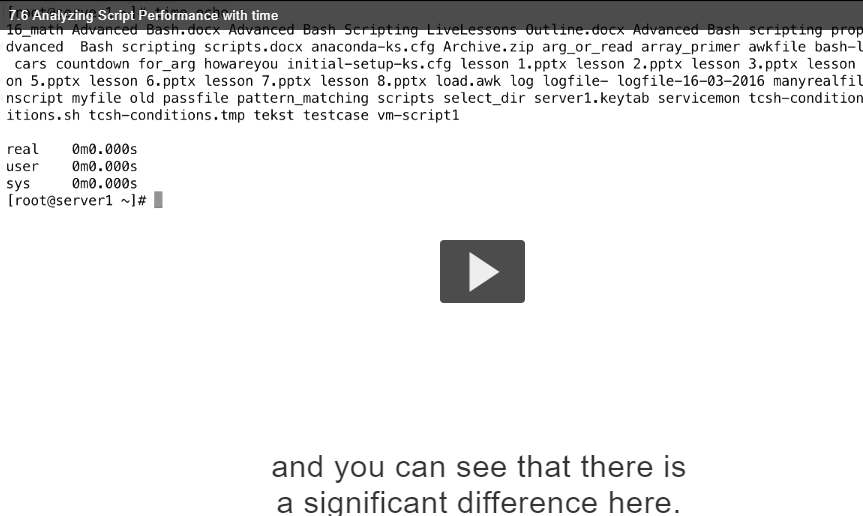


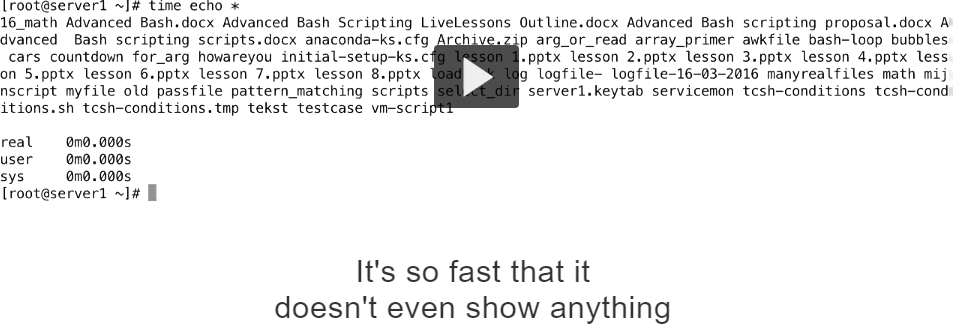


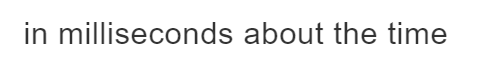






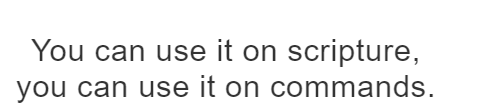


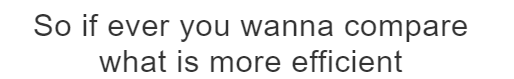


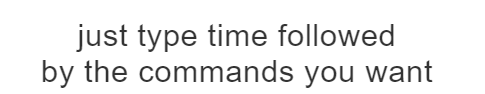






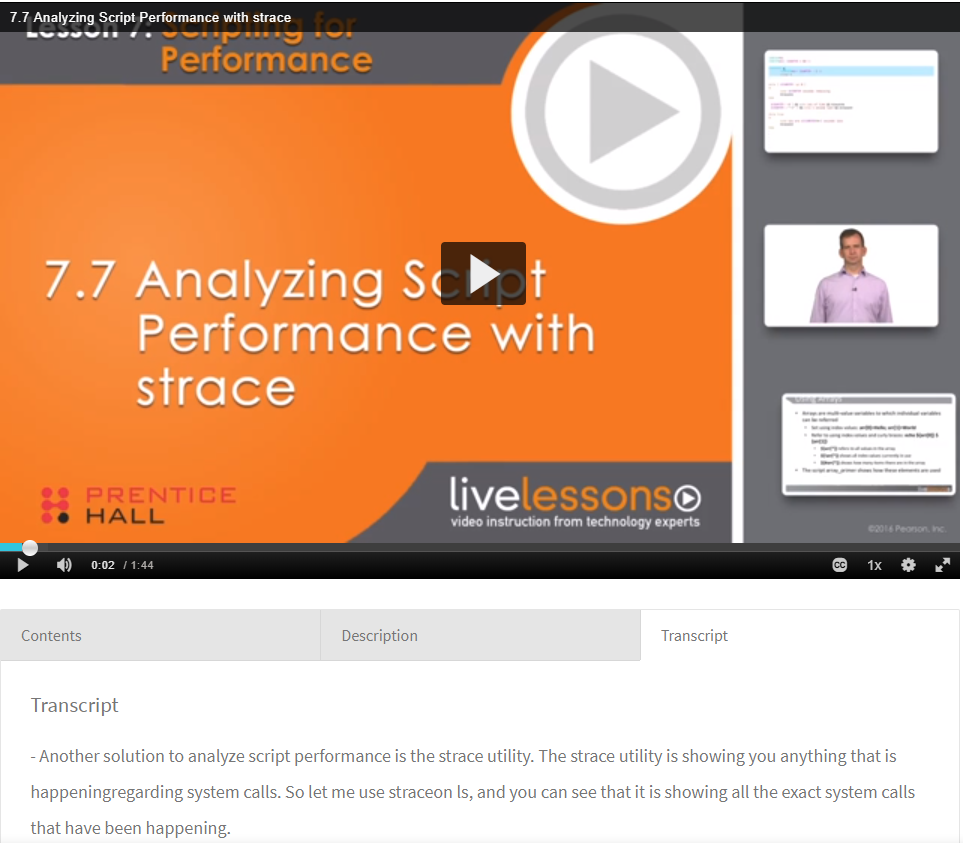


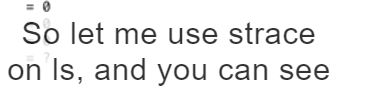






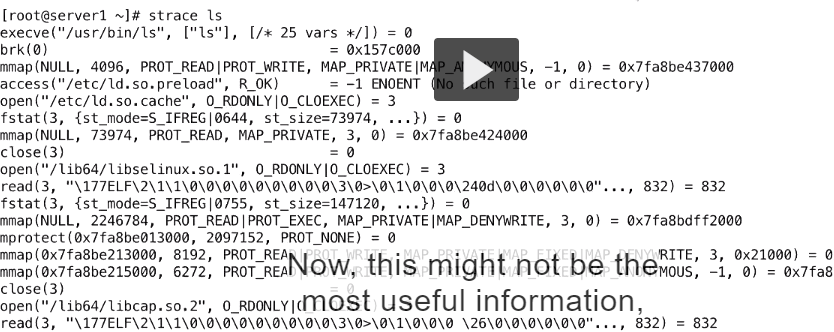




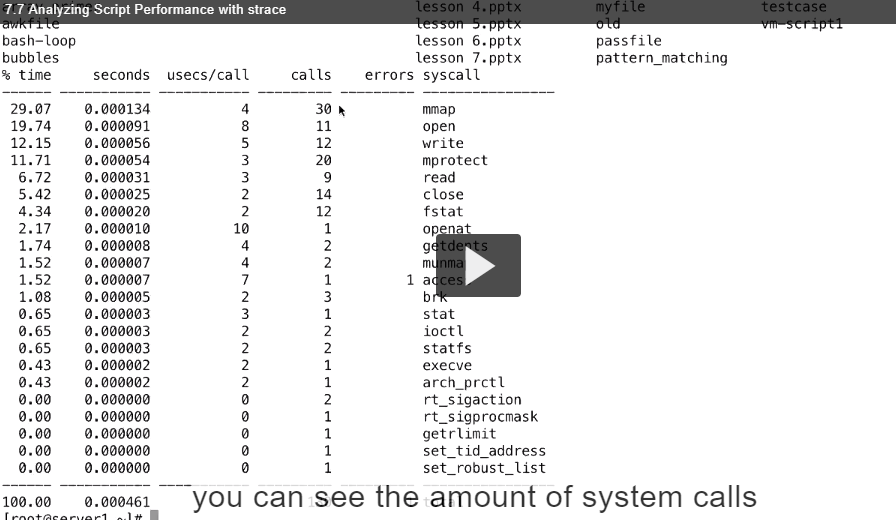


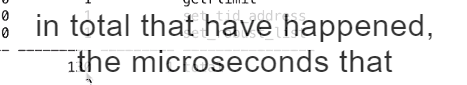
That it is showing all the exact





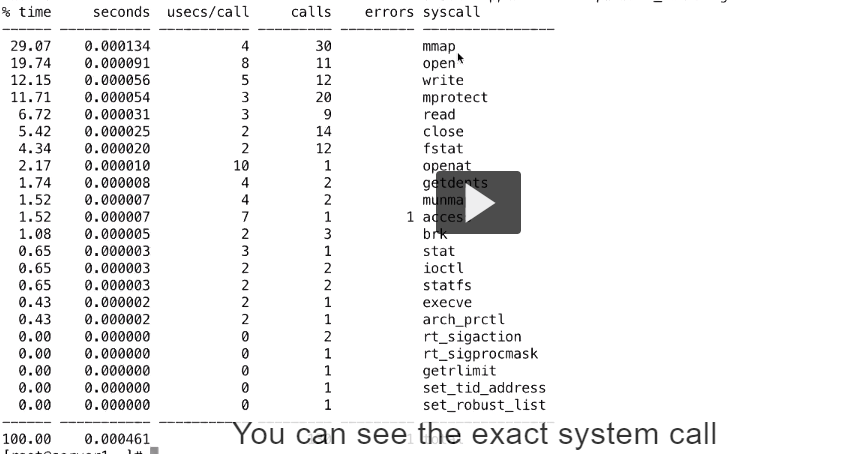




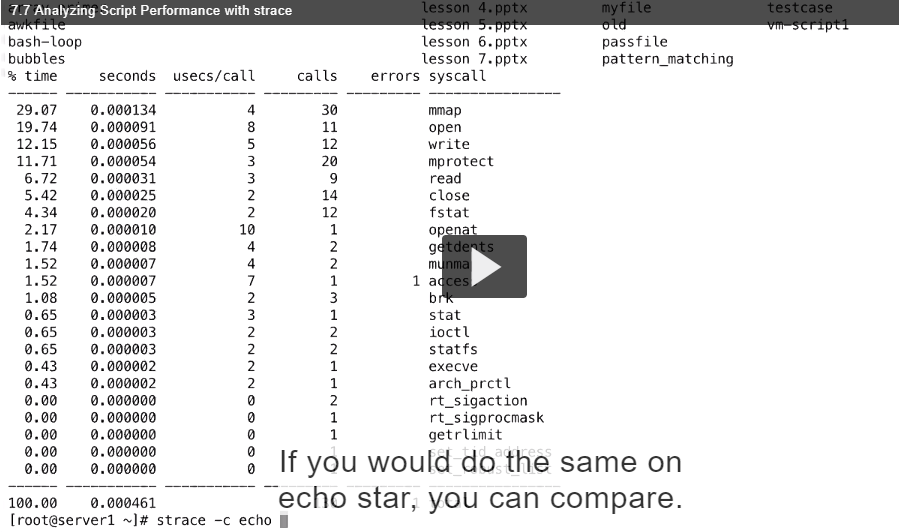


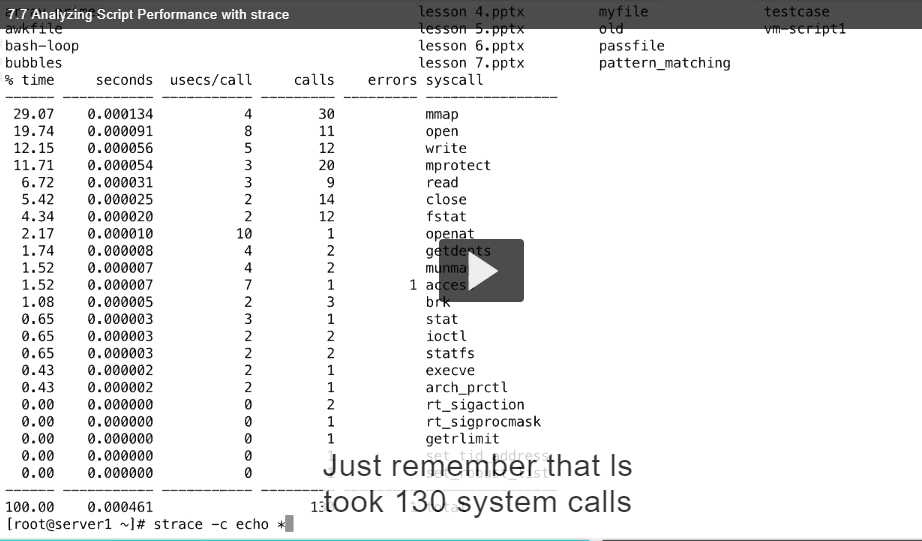


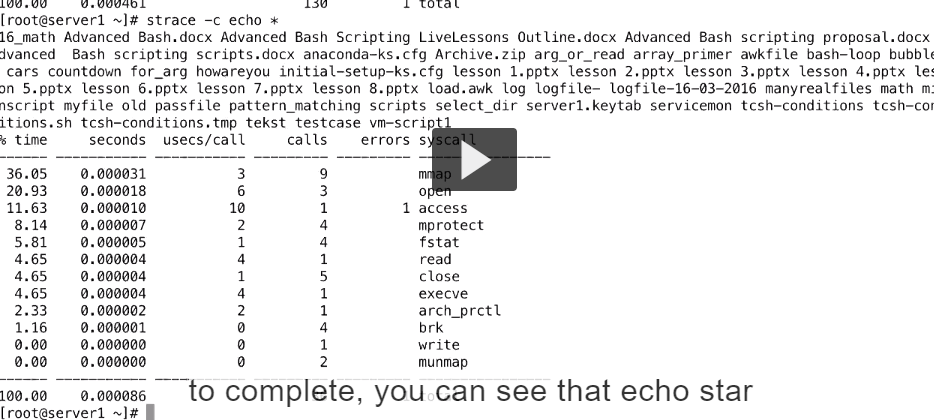


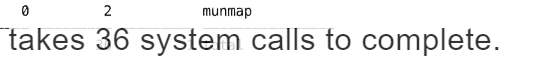


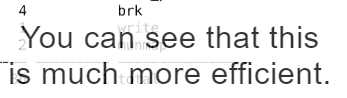
That has been executed as well

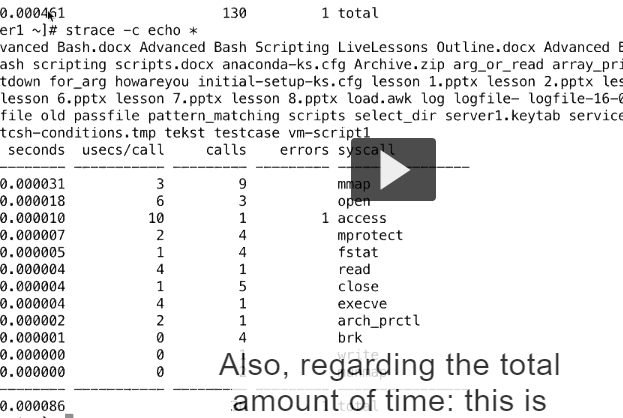


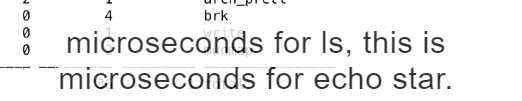




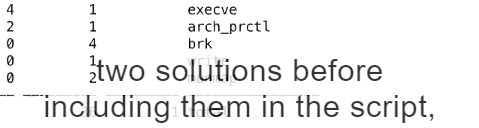


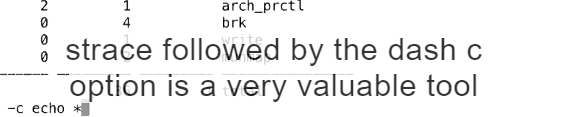


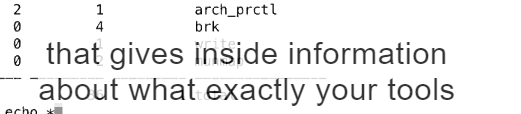




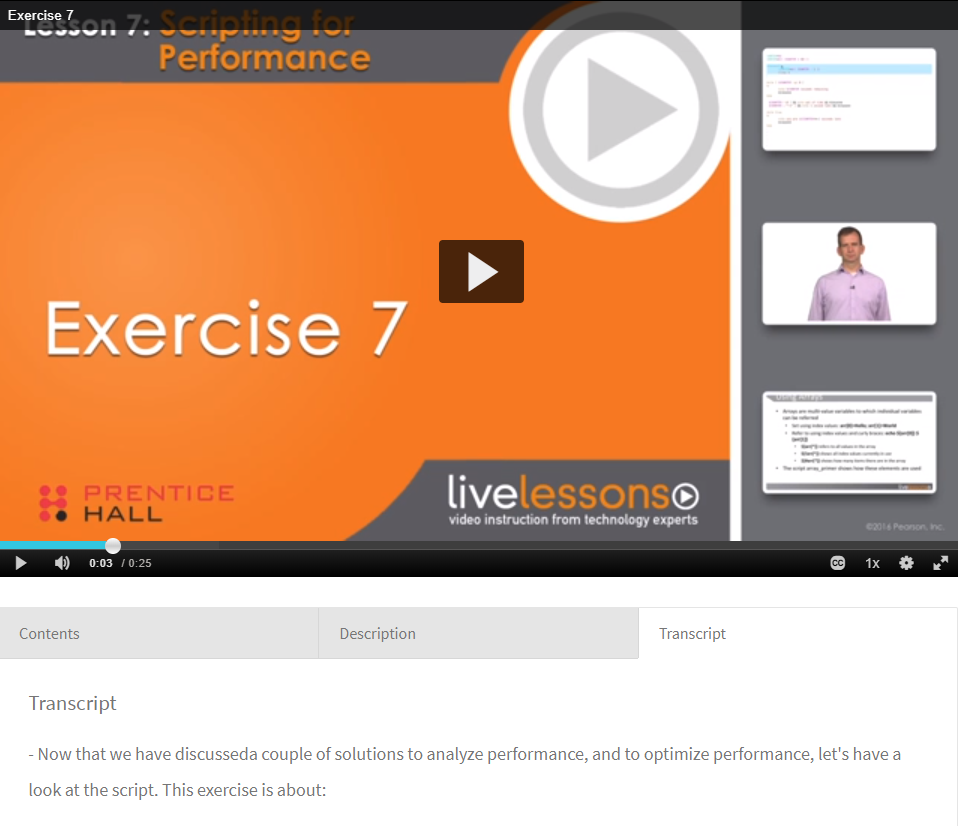


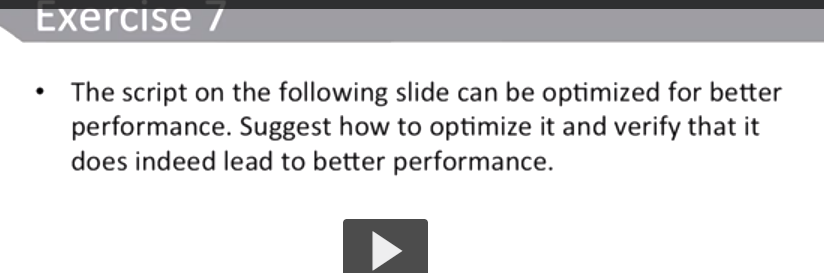


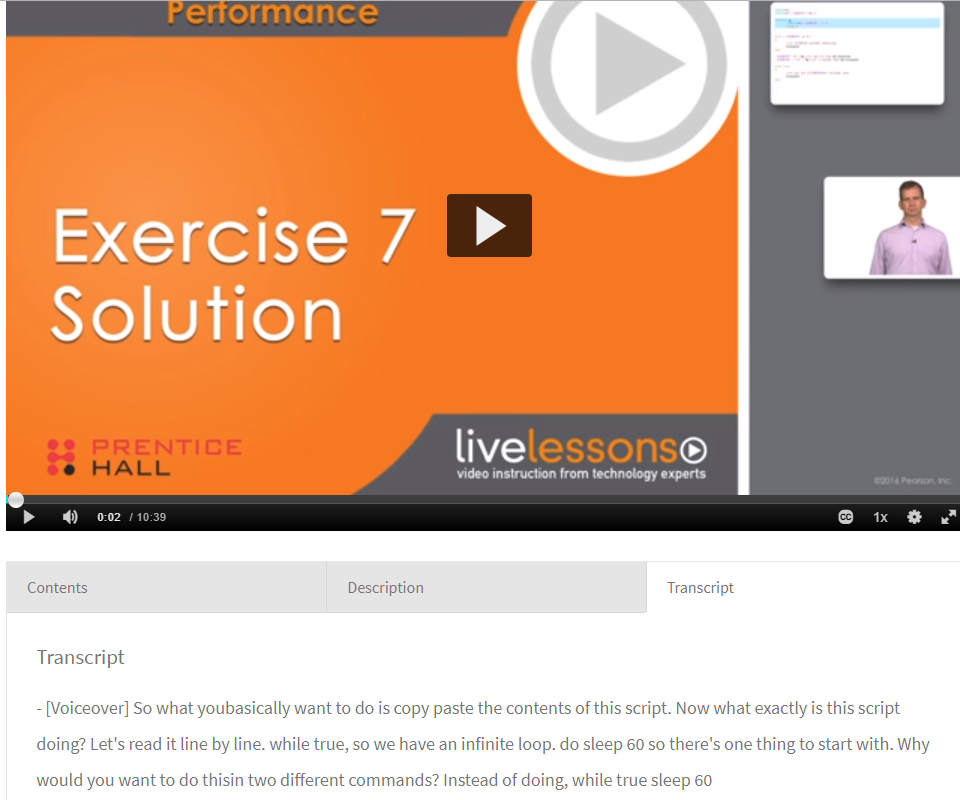


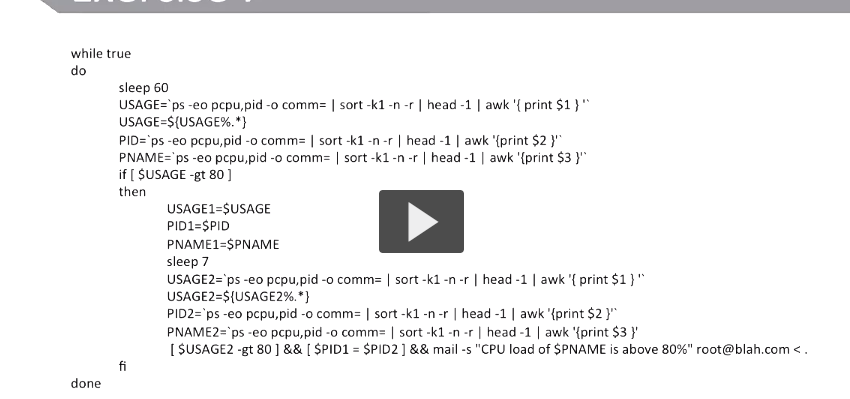


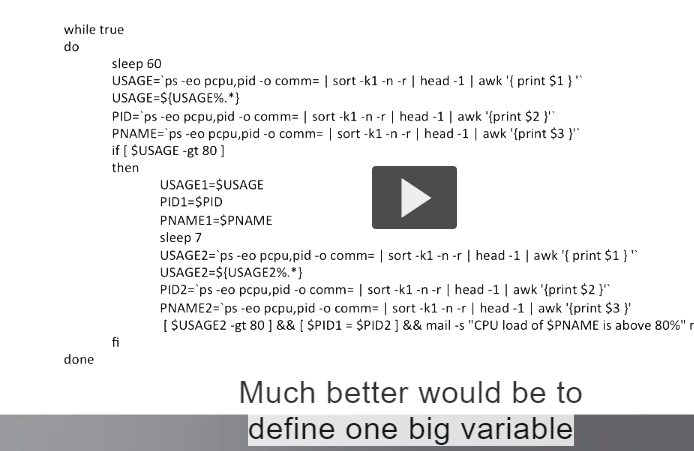


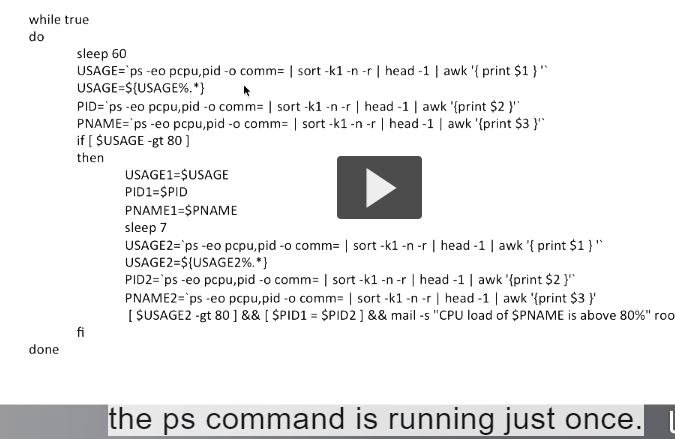






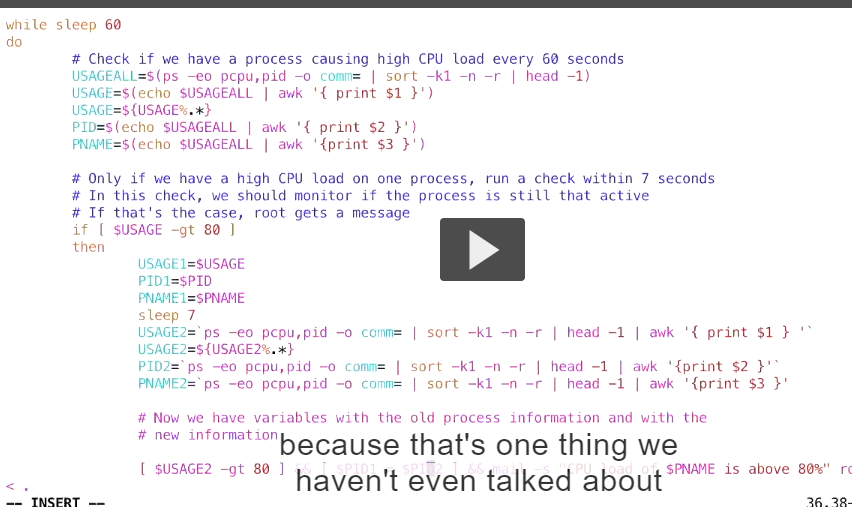








Lets optimize it



Please go ahead

