Nohup Command

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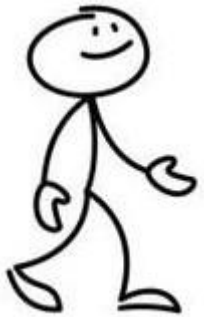
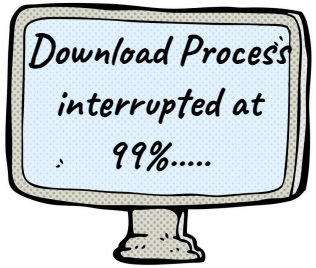
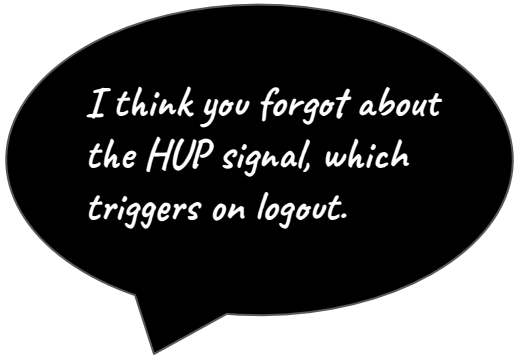
Wow, my two hour download has almost finished! I am so excited to use this program! Let's show it to my friend.

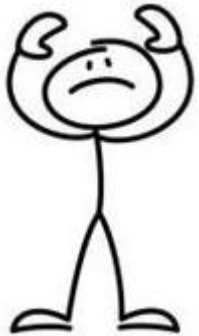



Download Process interrupted at 99%.....

Aww man, it logged off? It took so long to get here, now I have to wait again for hours....

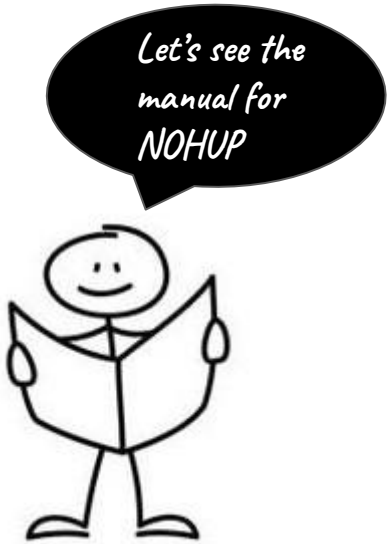

I think you forgot about the HUP signal, which triggers on logout.

Ohh .... What's that?
And how do I make sure
it doesn't happen again?



A HUP signal means Hang Up signal. It is sent to a process when it's controlling terminal is closed.
And to make sure it doesn't happen we can use NOHUP.

```
NOHUP(1)                        User Commands                        NOHUP(1)

NAME
       nohup - run a command immune to hangups, with output to a non-tty

SYNOPSIS
       nohup COMMAND [ARG]...
       nohup OPTION

DESCRIPTION
       Run COMMAND, ignoring hangup signals.

       --help display this help and exit

       --version
              output version information and exit

       If  standard input is a terminal, redirect it from an unreadable file.
       If standard output is a terminal, append output to 'nohup.out' if pos-
       sible,  '$HOME/nohup.out' otherwise.  If standard error is a terminal,
       redirect it to standard output.  To save output to  FILE,  use  'nohup
       COMMAND > FILE'.

       NOTE:  your shell may have its own version of nohup, which usually su-
       persedes the version described here.  Please  refer  to  your  shell's
       documentation for details about the options it supports.
```



```
pushkar@pushkar-HP-Pavilion-Laptop-15-cc1xx:~/Desktop$ nohup sh test.sh &
[1] 11626
pushkar@pushkar-HP-Pavilion-Laptop-15-cc1xx:~/Desktop$ nohup: ignoring input and
 appending output to 'nohup.out'
```

Some tips and nuances about nohup:

- Output is not shown while executing any process on the terminal.
- Input cannot be provided to any programs, until specified through an external file.
- To kill the process, we have to use the 'kill' command on the terminal, or manually close it using a task manager.

Thanks bro!
You're welcome!