Common bash commands and concepts

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| Command/Concept | What it does/Meaning |
| chsh -s /bin/SHELL | Change default shell to SHELL; ex: chsh -s /bin/bash |
| <Ctrl> + <C> |  |
| ls |  |
| pwd |  |
| cd |  |
| .. and . |  |
| ~ |  |
| Absolute vs relative path |  |
| <Tab> complete |  |
| / |  |
| pushd and popd |  |
| history |  |
| ↑ and ↓ |  |
| <Ctrl> + <R> |  |
| mkdir |  |
| touch |  |
| > and >> |  |
| cp |  |
| mv |  |
| rm |  |
| rmdir |  |
| Flags (- or --) |  |
| rm -r |  |
| ls -l -a -h -G |  |
| man |  |
| cat |  |
| head and tail |  |
| less |  |
| grep |  |
| | (pipe) |  |
| sed ‘s/FIND/REP/g’ |  |
| awk ‘{print $Y}’ |  |
| ln -s |  |
| whoami |  |
| which |  |
| sort |  |
| $(CMD) |  |
| echo |  |
| for ARG; do …; done |  |
| If [ TEST ]; then …; fi |  |
| wget |  |
| kill |  |
| ps |  |
| top |  |
| hostname |  |
| basename |  |
| tar -czvf ARCHIVE.tar.gz FILE1 FILE2 … |  |
| tar -xzvf ARCHIVE.tar.gz |  |
| diff |  |
| exit |  |
| find |  |
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