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| **DOCUMENT RULES:** | |
| **Task name** | **List files** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |
| **Group name:** | Dev\_ops\_1 |
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| **Task names** | **Command steps and outputs** |
| **Run** ls **or** ls --color=yes | **Graphical user interface, application  Description automatically generated** |
| **we have different colors. We can imagine what it means, but let's forget it for a second.** | ***Graphical user interface  Description automatically generated***ls --color=no |
| ls --color=auto | **Graphical user interface, application  Description automatically generated** |
| ls -l .  - **indicates that we will pass arguments. We have two ways here**  l **means long listing format.** | Text  Description automatically generated |
| ls -n  **command. This works like ls -l, but it changes the user-friendly names to UIDs and GIDs.** | Text  Description automatically generated |
| ls -a  **This command listed much more files than before. A lot of dotfiles! No matter what are they, at least, not now.** | Text  Description automatically generated |
| ls .  **will show exactly the same output like simple ls. And**  ls .. **shows... yes, the parent directory structure** | Text  Description automatically generated |
| -A **(capital a).** **While** a **means** all, A **means** almost all. **In this case the command will show all files, except the**. **and** ... | Text  Description automatically generated |
| **We can combine multiple arguments in the command. Try run**  ls -al . | *Text  Description automatically generated* |
| **this command shows the current date and time:**  date . | A screenshot of a computer  Description automatically generated with medium confidence |
| **This argument sorts files with the last modification time, newest files come first.**  ls -lt  **We can specify exactly the modification time by adding u to the argument list**  ls -ltu | Graphical user interface, text  Description automatically generated |
| **the list and order it by** ctime - **metadata change**  ls -ltc | A screenshot of a computer  Description automatically generated with medium confidence |
| ls -lS **it sorts files by size, largest are going first.** |  |
| ls -lh **we have printed the size of the files not in bytes, but in more readable form, with** K, M, or G, **that sort of things.** | A screenshot of a computer  Description automatically generated |
| ls -1 | A screenshot of a computer  Description automatically generated |
| ls --format=commas **will print the files separated by commas. We can use shorter syntax and write**  ls -m | A screenshot of a computer  Description automatically generated |
| --time-style  **changes the way how the date is formated in long format.**  ls -l --time-style=locale ls -l --time-style=iso ls -l --time-style=full-iso | A screenshot of a computer  Description automatically generated |
| ls -al --author **prints the username of the creator of the file.**  ls -ald **prints directories only. Very useful in some circumstances.**  ls -ali **prints inodes (there will be a lesson about inodes).**  ls -alR **recursively prints all subdirectories.**  ls -alr **prints list in the reversed order.** |  |