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| **DOCUMENT RULES:** | |
| **Task name** | **Copy and move 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 |
| **Student name and surname:** | Ehtiram Mustafayev |
| **E-mail:** | ehtiramst@gmail.com |
| **WhatsApp number:** | **+994507492393** |

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| **Task names** | **Command steps and outputs** |
| **We used here a new command,** tree. **It recursively shows the content of the directory.** | **Graphical user interface, text  Description automatically generated** |
| **The command to copy file is** cp. **The way how we use it is very simple:** | cp source target |
| **First we need to create a directory** | mkdir targetdir |
| **Let's go to our source directory.**  **we need to use** .. **in order to say**go to parent directory. | cd sourcedir  cp one ../targetdir |
| **we have the file there**  ls -l ../targetdir/one yes.  **we have the source file still located in the current directory**  ls -l one |  |
| **In the previous examply we copied** one **file. Let's copy this file again, but in order to have two files in the target directory.** | cp one ../targetdir/another-one |
| **copy all files listed in parameters**  cp two01 two02 ../targetdir |  |
| ls -l three\* | *A computer screen capture  Description automatically generated with medium confidence* |
| cp three0? ../targetdir  ls -l ../targetdir/three\* | A computer screen capture  Description automatically generated with medium confidence |
| **now we can copy the whole structure:**  -R **argument means recursively.** | cp -R sourcedir anotherdir |
| ls -l anotherdir  **We copied the whole structure.** | A screenshot of a computer  Description automatically generated with medium confidence |
| **Create another directory:** | mkdir movedfiles |
| **we can move all directories.**  mv anotherdir newdir ls -l anotherdir ls -l newdir | A screenshot of a computer  Description automatically generated with medium confidence |
| **And it works similarily like cp did when move is perform to existing directory:**  mv newdir movedfiles ls -l newdir ls -l movedfiles ls -l movedfiles/newdir | A screenshot of a computer  Description automatically generated with medium confidence |
| **Now we have the new file. Lets see, if the content was copied.** | cat .profile > newfilewithcontent.txt  ls -l newfilewithcontent.txt |
| **We can do it is simple way:** | cat .profile cat newfilewithcontent.txtA screenshot of a computer  Description automatically generated |
| **We can check if there is any difference between two files. We do it with a new command - diff. This is the way to compare two files.** | diff .profile newfilewithcontent.txt |