

1. Check commands:

- **id**
- create a file: test and then use command: **chmod u=rwx, chmod g+rw, chmod o=r test**
- **chmod u+x test**
- **ls -la test**
- **file test**
- **less /etc/passwd**
- **cp /etc/passwd .**
- create file: text1 and then use command **ln -s text1 text1-symb**
- create directory: dir1 and then use command **ln -s dir1 dir-symb**
- try to **move** and **copy** files and directories to different directories

2. Explore “info” commands and explain the differences between commands:

- **type //type ls, type pwd, type type, type aliases, type which**
- **which //which ls, which cd**
- **apropos //apropos cat, apropos mkdir, apropos rm, man -k rm**
- **info**
- **whatis //whatis mkdir**
- **alias // mechatron='cd ..; mkdir mech1; pwd ; ls -la'**
- **unalias mechatron**

3. Variables and Constants

- **declare -r TITLE="student NAME"**
- **title1=student2 NAME**
- **test=2.0**
- use command **echo: echo TITLE, echo title1, echo \$TITLE, echo \$title1, echo \$test**
- **name1="My name is \$TITLE" // echo \$name1**
- **number=\$((4*2)) // echo \$number, echo \ \$number, echo '\$number'**
- **unset number //echo \$number**
- **echo "text 1 text 2 text3" //number1=201239292, echo "\$number1", echo ""number1""**
- **mcedit text1.txt //chmod u+rwx text1.txt, *.txt**
- **echo beg{I,a,u}n**
- ***.[hc] // a?? // [^a] // a***