**מטלה 1 – מערכות הפעלה**

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1. Mkdir folder, mkdir ./folder/dir1 ./folder/dir2 touch ./folder/f0 ./folder/f1 ./folder/f2 ./folder/f3 ./folder/f4
2. 2.1. Rm ./folder -r

2.2. Rm ./folder/f0 ./folder/f1 ./folder/f2 ./folder/f3 ./folder/f4 ./folder/dir1 ./folder/dir2

1. Find ./folder -type f | grep '\<a.\*sh'
2. Ls -l ./folder | wc -l //// files and directories together
3. Find . -type f | grep -e '.exe\>' -e '.txt\>' -e '.sh\>'
4. Mkdir Fold1 Fold2 Fold3 Fold4 Fold5 Fold6 Fold7 Fold8 Fold9 Fold10
5. Cp `find -type f | grep '\<sys'` Fold5
6. Cp `find -type f | grep -e '.\*a.\*.txt\>' -e '.\*b.\*.txt\>'` Fold2
7. Ls `find -type d | grep '\<Fold[0-9]\*\>'` | grep '\<……….\>' | sort
8. Mv `ls Fold5/?????` Fold2
9. Find `ls | grep '\<Fold[0-9]\*\>'` -type f | wc -l > result
10. Grep 'texture' filec | sort > fileb
11. ??????
12. 13.1 Ls -p | grep -v / | wc -l

13.2 find -maxdepth 1 | wc -l

1. Find -maxdepth 1 -name '\*.???' -o -name '\*.??'
2. Find -maxdepth 1 -name '?????.?'
3. Cat textfile.txt | wc -w
4. Tail file.txt -n +5 | head -n 30
5. 19.1 chmod 774 file.txt

19.2 chmod 556 file.txt

19.3 chmod g+w file.txt

1. 20.1 tail file1.txt -n 20 > file2.txt

20.2 sort file2.txt > file3.txt

20.3 head file3.txt

1. 21.1 find all files in current directory ending with '.com', containing the string 'jayz' non-case sensitive, and not containing "remix"

21.2 match any string containing 'function' in all the files in current directory

21.3 revoke execution permissions to everyone

21.4 count files containing "sh" in their name under current directory

21.5 invalid command, '>' redirection only applies to files not commands

21.6 sort content of file3 ( find -type f part is ignored )

21.7 copy contents of file1 into file2, replace any '{' or '}' with '(' ')' respectively

21.8 replace any whitespace with tab ('\t')

21.9 print "the geek stuff" without all the 't' characters ("he geek suff")

21.10 print all files under current directory (expanded list -l), sort from oldest to newest.