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[**Lab 4 - Unix**](http://seneca.forummotions.com/t1-lab-4-unix#1)

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Question 1  
Enter the Linux command to create both a parent directory called 'unx122\_lab3' and it's child directory called 'work' at the same time. Assume that directory 'unx122\_lab3' will branch-off your home directory and that you are in your home directory to start. Use a relative pathname.  
  
Answers  
mkdir -p bto120\_lab4/work  
  
Question 2  
Enter a Linux command to create the empty file called 'labtest1' in the directory 'unx122\_lab3' (you are still in your home directory).  
  
Answers  
touch bto120\_lab4/labtest1  
  
Question 3  
Assume that your current directory contains the files 'labtest', 'labtest1', 'labtest2', 'labtest2a', 'labtest3', and 'labtest4'.  
Issue a command to delete only the files 'labtest1' and 'labtest2' using one ambiguous pathname.  
  
Answers  
rm labtest[12]  
  
Question 4  
Assume that you are NOT currently in your home directory. Enter a command to copy all files in your home directory beginning with the  
letter 'a' to the current directory.  
  
Answers  
cp ~/a\* .  
  
Question 5  
Enter a command to delete all files that have filenames starting with 'labtest', except 'labtest' itself (Delete all files starting with 'labtest'  
followed by one or more characters).  
  
Answers  
rm labtest?\*  
  
Question 6  
Enter a Linux command to remove a directory called 'assignments' and all of it's contents, and allow the system to prompt the user to remove each file or directory.  
Assume you are in the home directory, which happens to be the parent directory of 'assignments' directory.  
  
Answers  
rm -ir assignments  
  
Question 7  
Here are two inverted-tree diagrams. Issue a command to change the left diagram to the right diagram. Assume that you are in your home directory and use relative pathnames. [home] is your home directory:  
  
[home] [home]  
| |  
+-------+-------+ +-------------+  
| | | | |  
unx122 | courses ideas courses  
| | |  
| ideas unx122  
notes |  
notes  
  
Answers  
mv bto120 courses  
  
Question 8  
Issue a command to delete all files in your current directory with 2-character names.  
  
Answers  
rm ??  
  
Question 9  
Issue a command to delete the directory 'courses' (in your home directory) and all of its children.  
Use an absolute pathname (remember that your home directory is /home/david.ward ).  
  
Answers  
rm -r /home/username/courses (Replace username with ur seneca login username)  
  
Question 10  
Enter a command to make the root directory your current directory.  
  
Answers  
cd /

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