

CS1101 Worksheet01_2018

Login to the system. Open a terminal. Create a directory called **Worksheet01** under your home directory. Change to that directory (using the **cd** command) and do all your work there. In particular open a file called **Worksheet01.txt** (using **gedit**) inside this directory where you will write down the answers to all questions asked in this worksheet. At the end of the class, archive the directory **Worksheet01** (ask the TA for help with this) and upload to welearn. For the following questions, write down which Linux command you will issue at each stage in the file **Worksheet01.txt**. Note that you should, of course, carry out these commands at the same time, and check whether they work!

Q 1) Using a *single* command each create the following two directory structures (under the directory **Worksheet01**) :

abc > xyz , qwe ; xyz > rst which means create folders xyz & qwe within folder abc and a folder rst within xyz

and

abc > XYZ > QWE > RST

(Note that Linux is case sensitive – so that the directory **XYZ** is *different* from the directory **xyz**.)

Also note that in the above you should read **abc>xyz>qwe** etc. to read “Create a folder called **xyz** inside a folder called **abc**, and inside **xyz** create a folder called **qwe**...” and so on).

Q 2) What are the absolute and relative pathnames of the folder **XYZ**

(i) When you are in the folder **abc**, and

(ii) When you are in the folder **rst**?

Q 3) Change directory, first to the directory **QWE** from your home directory. Verify you are in the directory **QWE**. From there, to the directory **rst**. Verify you are in the directory **rst** after the previous step.

Q 4) You are now in the directory **rst**. *Without leaving this directory*,

- create an empty file (using the **touch** command) called **F01.txt** in the directory **xyz**.
- issue a command that will let you find the contents of the directory **xyz** in long format
- Copy the file **F01.txt** to the directory **Worksheet01** .

Q 5) Using a single command, change to the directory **RST** from the directory **rst**. What command would you issue to find the absolute address of the directory you are now in?

Q 6) From the directory **RST**, use a single command to move the directory **qwe** (and all its contents) to the directory **XYZ**. Find the directories present under **XYZ** using the **ls** command?