Assignment 1

(Due 15.04.2014)

1. **Linux basics**
   1. What command should be used to change to the /usr/bin directory?
      1. mv /usr/bin
      2. ls /usr/bin
      3. cp /usr/bin
      4. cd /usr/bin
   2. What command should be used to list the contents of the /home directory?
      1. ls /home
      2. cp /home
      3. mv /home
      4. cd /home
   3. What command should be used to copy recursively the contents of the /home/source directory to the /home/test directory?
      1. cp /home/source /home/test
      2. nano /home/source /home/test
      3. ls /home/source /home/test
      4. cp -R /home/source /home/test
   4. What command should be used to move the /home/app directory to the /var directory?
      1. rm /home/app /var
      2. mv /home/app /var
      3. cp /home/app /var
      4. pwd /home/app /var
   5. What command should be used to remove the /home/file.txt file?
      1. mv /home/file.txt
      2. rm /home/file.txt
      3. cp /home/file.txt
      4. rsync /home/file.txt
   6. What command can be used to open the /home/file.txt for editing?
      1. rm /home/file.txt
      2. git /home/file.txt
      3. nano /home/file.txt
      4. touch /home/file.txt
   7. On a default Ubuntu installation what command should be used for installing git?
      1. npm install git
      2. apt-get install git
      3. gem install git
      4. yum install git
   8. What command can be used to display the current directory?
      1. mv
      2. cp
      3. ls
      4. pwd
   9. What is the most commonly used directory for the users file in Linux?
      1. /home/user
      2. /var/user
      3. /tmp/user
      4. /usr/user
   10. In which directory are most commonly located Linux program executables?
       1. /var/log
       2. /usr/bin
       3. /home/user
       4. /etc/
   11. Which directory is most commonly used for storing configuration settings in Linux?
       1. /var/lib
       2. /usr/lib
       3. /etc
       4. /usr/bin
   12. What is the most common scenario when compiling programs from source?
       1. ./configure; make; make install
       2. make; ./configure; make insall
       3. make install; make; ./configure
       4. make install; ./configure; make
2. **Git basics**
   1. What git command is used to clone a git repository?
      1. git pull
      2. git fetch
      3. git clone
      4. git init
   2. What command should be used to setup a local git repository?
      1. git new
      2. git install
      3. git init
      4. git branch
   3. What command should be used to add files to be commited in the next git commit?
      1. git add
      2. git fetch
      3. git store
      4. git pull
   4. What command should be used to commit changes to a local git repository?
      1. git set
      2. git push
      3. git add
      4. git commit
   5. What command should be used to push changes to a remote git branch?
      1. git fetch
      2. git push
      3. git install
      4. git init
3. **Node.js basics**
   1. What is the name of the most commonly used node package manager?
      1. gem
      2. pear
      3. pip
      4. npm
   2. What command should be used to install a node package locally?
      1. npm update -g package
      2. npm fetch package
      3. npm install -g package
      4. npm install package
   3. What command should be used to update the local node packages?
      1. npm update -g package
      2. npm update package
      3. npm checkout package
      4. npm -g checkout package
   4. What is the most common way for managing project package dependencies?
      1. Describe all the packages in a text file and insall the manually
      2. Create an automated script which runs all the necessary commands to install the packages
      3. Put all the dependencies in a package.json file and let npm do the work
      4. Put all the dependencies in the Documentation of the project
   5. What command should be used to start the server.js server?
      1. node start server.js
      2. node server.js
      3. node serve server.js
      4. node deploy server.js