

# Operating Systems

## Assignment 1.A

### (Prerequisite Tutorials, Tools, and Configurations)

**Due: Next week section.**

Notes:

1. This assignment is individual assignment, every student should complete it by himself.
2. Use the VMware workstation or equivalent application to run different OSs

#### MS-DOS Tutorial:

1. Download MS-DOS 6.22 from the following link  
<http://www.allbootdisks.com/download/iso.html>
2. Run the MS-DOS iso with VMware workstation and Complete the following MS-DOS Tutorial:  
[http://www.johnzorich.com/FILES/MyWritings/Very\\_Easy\\_DOS.pdf](http://www.johnzorich.com/FILES/MyWritings/Very_Easy_DOS.pdf)

#### Linux Tutorial:

1. Download one of the common free Linux destros (e.g. Ubuntu, CentOS, ... ). Lubuntu Recommended
  - \* <http://lubuntu.net/> (if you have time to install and configure)
  - \* <http://www.traffictool.net/vmware/lubuntu1404t.html> (VMware appliance if you are in a hurry)
2. Run the Lubuntu (iso/appliance ) with VMware workstation. And complete the following Tutorial:  
<http://linux-training.be/files/books/LinuxFun.pdf>
3. Within Lubuntu VM do the following:
  - a. Using (Lubuntu Software Center), find and install “Code::Blocks” IDE.
  - b. Using (LXTerminal), Install “g++” with the following command  
sudo apt-get install g++
  - c. Write a “Hello World” C program using Code::Blocks.

## Common problems:

\* If you don't have any experience with Linux download the Lubuntu "appliance" and use it directly with VMware:

<http://www.traffictool.net/vmware/lubuntu1404t.html>

Notices:

- No installation required
- root password is : password

\* If you can't find "code::blocks" in "Lubuntu Software Center", the Center probably has a problem. To fix the Center use the following command:

```
sudo dpkg-reconfigure lubuntu-software-center
```

\* If you successfully installed "code::blocks" but you can't run your "hello world" program and you are sure it's error free. Install "g++" with the following command and try again (Internet connection required):

```
sudo apt-get install g++
```