Installing Instructions

As the Virtual Computer used in the lab we have selected VirtualBox (version 3.1.6 or later) created by Sun. You should download and install the proper platform edition for your workstation of VirtualBox from the address www.virtualbox.org
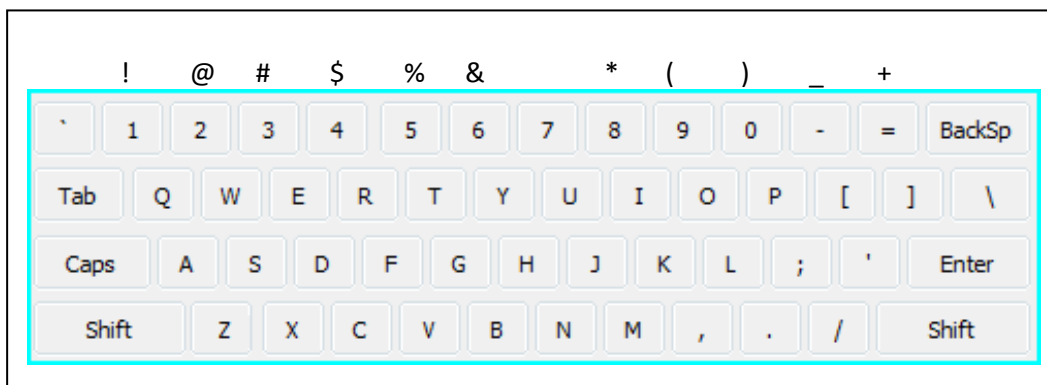
Then you need to get the current VirtualBox image 1.2 for the workshop from the address www.dbtechnet.org/download/VirtualBoxUMA.zip (3 GB)
The ZIP file has been created by 7zip program, and the updated **ReadMe.doc** explains the essential contents.

For the first tests, it is enough, if you can get
- keyboard settings OK
- terminal resolution satisfactory (at least 800x600 or better)
- Internet connection working
- Oracle XE working selecting Applications from the menu bar, and
  Oracle Database 10g Express Edition – Go To Database Home Page – login as dbtech/dbtech

As default the image uses the US keyboard layout

In Debian Linux configurations can be done selecting System menu, then preferences, and the configuration setting i.e. Keyboard, Resolution, …

As default you will be logging in dbtech user having dbtech also as your password. For other users, such as root, etc, see the ReadMe.doc in the VirtualBox.zip file.

On the menu bar right from System you will see icons for **browser**, home folder, and the **terminal** window of Linux.

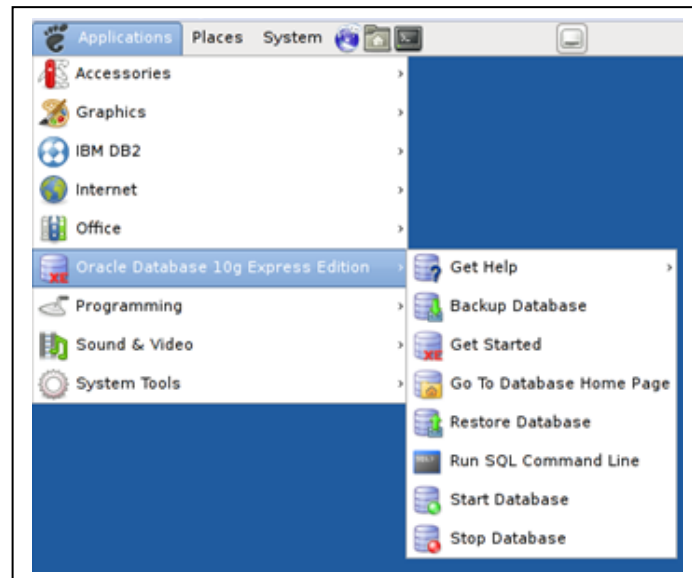From Application menu you will find for example
- gnome Accessories including a text editor,
- DB2 submenu
- Open Office submenu for Writer (like word), Calc (Excel), etc
- Oracle submenu
- from Programming, you get access to MySQL, and SQL Developer of Oracle

For accessing Oracle you have 3 options:
- SQL*Plus window "Run SQL Command Line" from Oracle submenu
- browser based administration pages including iSqlPlus like form access
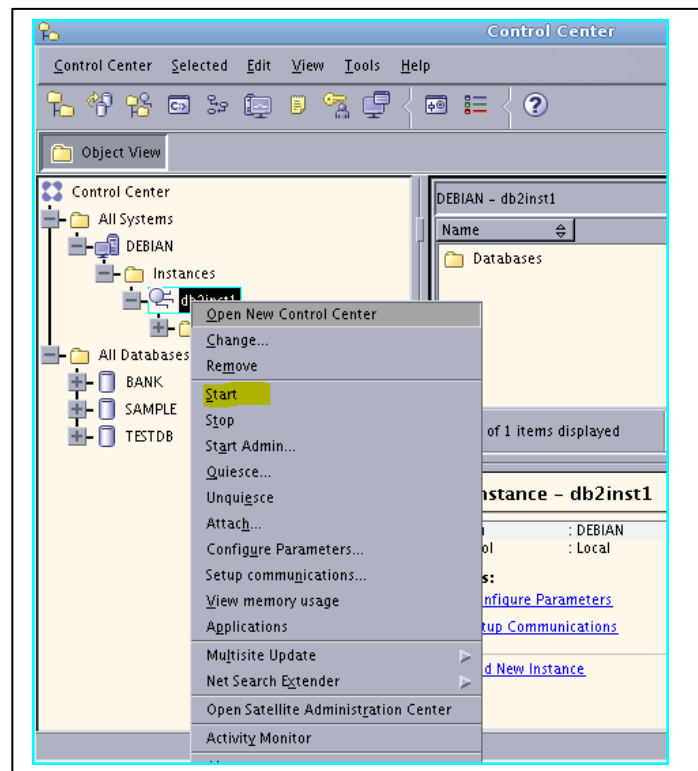
- SQL Developer from Programming menu

From the Oracle submenu you can also start or stop your Oracle server instance. In the current image Oracle starts automatically.

Oracle XE has now been configured for multiple connections (up to 100 sessions) , and the BANK database of TPCA2 concurrency labs has been set up in DB2 and Oracle.

The DB2 instance is not running as the default in our image. To start using DB2 you need to start the DB2 Control Center, select instance db2inst1 using the alternate button of mouse, and click the start selection

If the Internet connection works, then some minor "last minute" updates for the lab materials can be downloaded to the virtual computers during the workshop labs from the Malaga Workshop pages at the DBTech portal at http:// dbtech.uom.gr

To shutdown the virtual computer you select System, shutdown, and finally the "Shut Down" button.