1. **Open the virtual machine to test Specman and Questa**

   With reference to https://gitlab.com/uob-eng/vms/centos-7-eda

   Log on to one of the MVB Linux lab machines.

   * create the EDA directory which will sync files between the CentOS VM and the Rocky 8 host (you will only need to do this once):
   > mkdir ~/EDA

   * get the VM details - if there are School-wide policies/instruction for paths etc use those, otherwise
   > mkdir ~/vagrant
   > cd ~/vagrant
   > git clone https://gitlab.com/uob-eng/vms/centos-7-eda.git .

   Basically, this gets you the Vagrant file to configure the VM.

   The following commands will need to be run each time a student runs the practical (from the ~/vagrant directory)
   * vagrant box add --force --name 'centos-7-eda' /opt/software/VMs/centos-7-eda/centos-7-eda.box
   * vagrant up

   Give it a couple of minutes and you'll have a graphical VM to log in to (see on screen messages for log in details)

   * within the VM start up a terminal
   -> cd ~/EDA
   (to move in to the directory that will sync with the host PC.)
   and run **2. in the next Page**

   At the end of a session
   * "power down" the VM
   * and tidy up by running (very important to get subsequent VMs starting up neatly), again from the ~/vagrant directory
   > vagrant destroy

   The key message to get across is that only files stored under the $HOME/EDA folder will survive once the VM is powered off.

2. The EDA Software Access Instructions (Also, found on the unit page)

```
module use /eda/cadence/modules
module load course/COMS30026

vsim &
specview & (Only works in the virtual machine, See 1.)
jaspergold & / jaspergold -allow_unsupported_OS &
```

For JasperGold you may not be able to open it in the virtual state machine but you can open it on the university linux environment