VM Cloning Instructions

1. To create a virtual Windows machine (without having to go through all the installation process):
   - Login to one of the shakespeare servers: othello hamlet lear macbeth cleopatra antony edmund caesar
   - Create a virtual machine space as usual:
     - example: citv createvm win_clone_8G 128 8 2054 (you don’t need more than 128M of RAM).
     - You could also use the web interface.
   - Now that you have a space for it created, we will copy a pre-existing image over the one you just created. I will use a windows system, but you could do any pre-existing image.
     - ssh saturn
     - cd /c/qemu/images/
     - ls <your username>* (ex: ls jfrancom*). NOTE THE ASTERISK IN THE PRECEEDING COMMAND. This allows you to see what your entire image name is called. Mine is jfrancom-jfrancom-win_clone_8G.img
     - Issue the following command, making sure that you substitute your filename (from the above step, as the copy to destination):
       
       ```bash
       cp --sparse=always src dest | where src = 000 WINDOWS IMAGE COPY ME.img | and dst = whatever your new image name is (ie jfrancom-jfrancom-image.img)
       ```
     - Should then be able to boot your image:
       - citv bootvm win_clone_8G c win_xp (substituting your image name)

2. You can do this with ANY image that is in the images directory. So if you want to clone your own, you can do so!