

Week 4 Assignment

Description:

I have started a script for you that you will have to modify. The script will create a vm for you on the vm farm. Your script could be run from wherever you choose. If you choose to run it on desdemona, you won't have to ssh. [Here](#) is the script.

The script should be run like `./make_machine_student.sh <machine name>`.

In the end, the script should ask the user for the requisite values to create a new vm. You should prompt the user for:

- How much ram it should use (validate this)
- How big of a disk (validate this)
- What vlan should I put it in? (show them an option here) (or in other words, show them what vlans they are allowed to choose from.) (HINT: `citv getip <course>` will show you what ips and vlans they have checked out for the course.)

If they don't provide a valid option above, you should continue to prompt them until it is valid. If everything seems valid, create the machine.

You *MUST* utilize the following functions:

- `get_ram`
- `get_disk_size`
- `get_vlan` (already written)
- a `usage` function that shows the user how to appropriately use the script. This should be called if the user omits the command line argument.

Check off procedure:

Pass off in class. This should create a new vm for you when called.