

**EE 580 Prelab
Summer 2017 Nazarian**

Score:___/100

Student ID: _____

Name: _____

Assigned: Thursday May 18th

Due: Wednesday May 24th, in class or office hour demo only

Notes:

- This lab is based on individual work. **No collaboration (no discussions among classmates) is allowed.** Please refer to the first lecture for the AI policies of USC and this course and in case of any questions or doubts contact the instructor.

Ubuntu Setup

1. Follow the instructions below and install Ubuntu with VirtualBox in your personal computer. Ignore step 12 because we will not use git in this course.
<http://nld.ict.usc.edu/cs544-fall2015/virtualbox-setup.html>
2. Press “Ctrl” + “Alt” + “t” to open a terminal. Now you can try different linux commands such as “ls”, “cd” or “mkdir”.
3. Create a shared folder between host and guest following the steps below:
<https://help.ubuntu.com/community/VirtualBox/SharedFolders>
You can also refer to the file “folder sharing procedure”.

Install Required Python Package

4. Open any terminal, type the following command:
sudo apt-get install python python-tk idle python-pmw python-imaging

Run a Simple Python Program

5. Download ball_game.py from blackboard, and put it in any folder of your Ubuntu platform through the shared folder.
6. Run the following command:
python ball_game.py

You should be able to see a figure as below. You can also play with it.



Please demo in front of a TA during any discussion section or office hours.