

USING AIMA Python Code

**On gl and your
own computer**

AIMA-Python

- It's complex and requires many packages
 - These need to be installed with pip
- The git repo has several embedded repositories that must also be cloned
 - Follow the instructions on the aima-python repo
 - You might run out of quota on gl!
- You normally must have the repo as your “current directory” to
 - import one of its python files (e.g., logic)
 - Run jupyter notebook

One approach: use GL

- We have a shared copy of aima-python on gl and a python virtual environment with all needed packages installed
- Set PYTHONPATH & make an alias to use them

- **Bash shell:** add this to .bashrc:

```
export PYTHONPATH=~finin/../../pub/ai/aima-python:~finin/../../pub/ai"
alias aipython=~finin/../../pub/ai/env/bin/activate;python"
```

- **tcsh shell:** add this to .cshrc:

```
setenv PYTHONPATH "~finin/../../pub/ai/aima-python:~finin/../../pub/ai"
alias aipython "~finin/../../pub/ai/env/bin/activate.csh;python"
```