



Python Scripting 9001

HWSR 401/501

09/13/2022

Where did we leave off?

- Conda is a package manager for python
- You can create separated environments in it
- You should have an environment called ``has_tools`` now, with ``numpy`` and ``matplotlib`` installed
- If not, check the YouTube lectures after class to get up to speed, and visit office hours if necessary
- Also, please go and check the lecture on working with your homework repos
- Okay, now back to numpy - jump to gitkraken and pull the course materials

Code to get past 30 days of flow data for your forecasts

```
filename =('https://raw.githubusercontent.com/HAS-Tools-Fall2022'  
          '/Course-Materials22/main/data/verde_river_daily_flow_cfs.csv')  
  
flows = np.loadtxt(  
    filename,          # The location of the text file  
    delimiter=',',    # character which splits data into groups  
    usecols=1         # Just take column 1, which is the flows  
)  
print(flows)
```