

Homework 1

Homework can be submitted via the github link which will create a repository for you with basic template of files you can edit to solve the homework. See the table for homework submission links which will help you create a github repository in the class team.

<https://piazza.com/ucr/fall2021/gen220001/resources>

1. Create a Github account using [GitHub Accounts](#)
2. Submit the homework by creating a repository through github classroom [Homework 1](#)
3. Write a shell script called `count_fires.sh` which does all of the following.
 - Download a comma delimited datasets from data.gov file which are listing of fires in several decades. (hint use `curl`)
 - [1990s](https://catalog.data.gov/dataset/1990s-b2103) <https://catalog.data.gov/dataset/1990s-b2103>
 - [2000s](https://catalog.data.gov/dataset/2000s) - <https://catalog.data.gov/dataset/2000s>
 - [2010s](https://catalog.data.gov/dataset/2010s) - <https://catalog.data.gov/dataset/2010s>
 - Print out the number of fires for each decade (hint use `wc`)
 - Print out the number of fires in each year (hint use `cut` and `uniq`)
 - Print out the largest fire (hint use `sort`) - use the `GIS_ACRES` column
 - Print out the total acreage burned in each year.