

# Thursday 2/6

Welcome! 

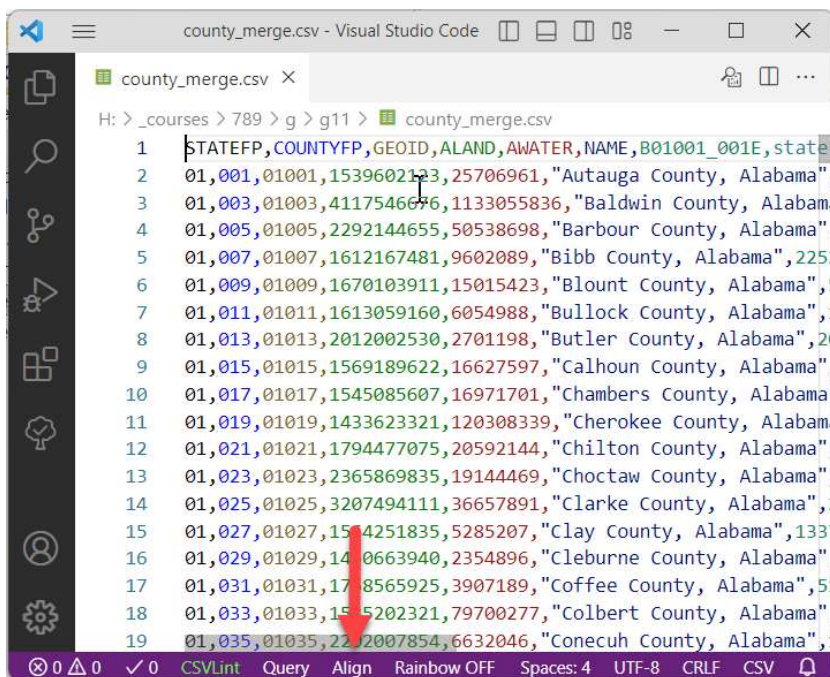
Announcements and reminders:

- Exercise g11 posted and due Friday
- Reminder: there's a quick reference PDF in each repository
- Second part of class today:  
Lexi Bensberg and Zach Hughes from the Arizona Governor's Office

Tips:

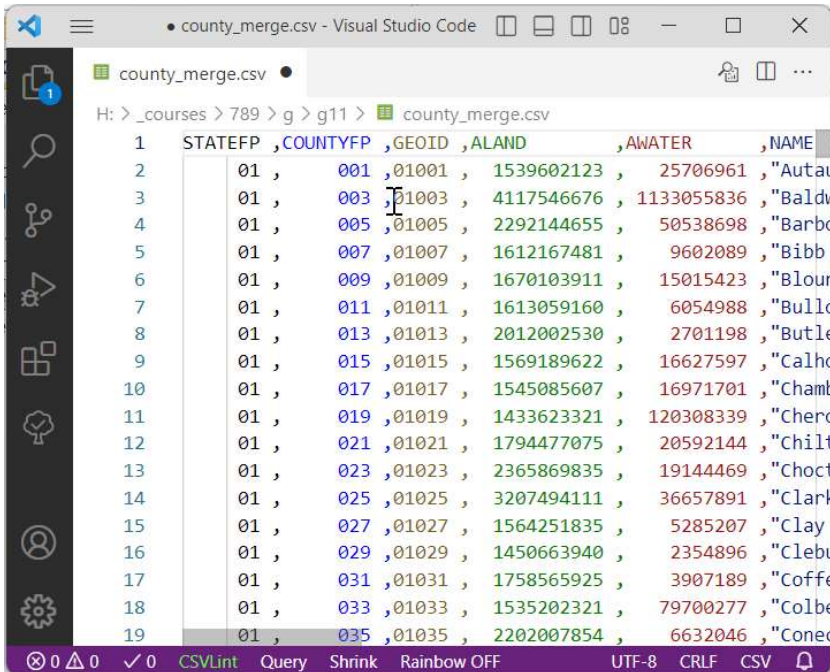
- VS Code Extension: Rainbow CSV

Color-codes columns:



```
1 STATEFP,COUNTYFP,GEOID,ALAND,AWATER,NAME,B01001_001E,state
2 01,001,01001,1539602123,25706961,"Autauga County, Alabama",
3 01,003,01003,4117546676,1133055836,"Baldwin County, Alabama",
4 01,005,01005,2292144655,50538698,"Barbour County, Alabama",
5 01,007,01007,1612167481,9602089,"Bibb County, Alabama",2252
6 01,009,01009,1670103911,15015423,"Blount County, Alabama",5
7 01,011,01011,1613059160,6054988,"Bullock County, Alabama",1
8 01,013,01013,2012002530,2701198,"Butler County, Alabama",20
9 01,015,01015,1569189622,16627597,"Calhoun County, Alabama",
10 01,017,01017,1545085607,16971701,"Chambers County, Alabama",
11 01,019,01019,1433623321,120308339,"Cherokee County, Alabama",
12 01,021,01021,1794477075,20592144,"Chilton County, Alabama",
13 01,023,01023,2365869835,19144469,"Choctaw County, Alabama",
14 01,025,01025,3207494111,36657891,"Clarke County, Alabama",2
15 01,027,01027,1504251835,5285207,"Clay County, Alabama",1337
16 01,029,01029,140663940,2354896,"Cleburne County, Alabama",
17 01,031,01031,178565925,3907189,"Coffee County, Alabama",51
18 01,033,01033,155202321,79700277,"Colbert County, Alabama",
19 01,035,01035,2212007854,6632046,"Conecuh County, Alabama",1
```

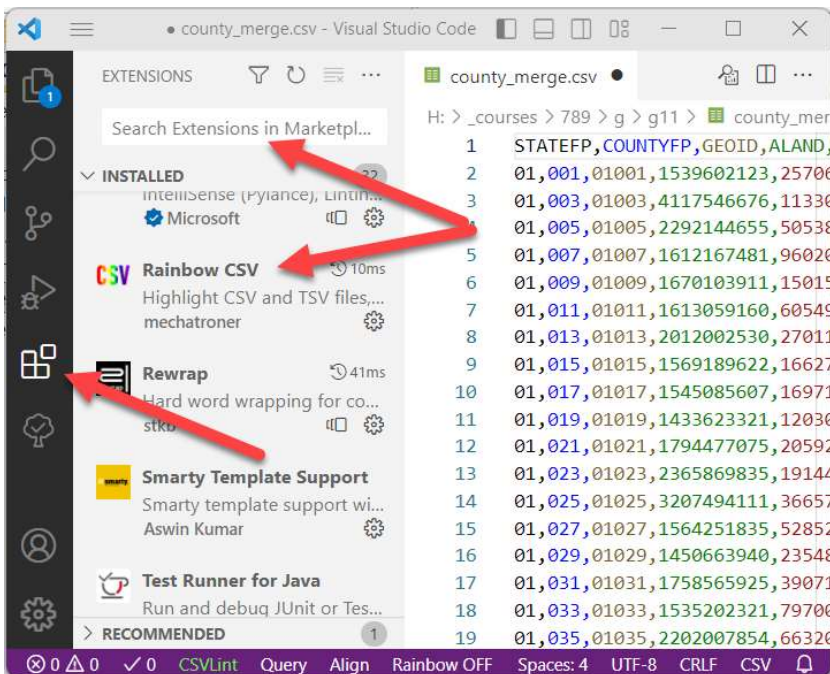
Can show aligned data:



The screenshot shows a Visual Studio Code window with a CSV file named 'county\_merge.csv'. The data is displayed in a table format with columns: STATEFP, COUNTYFP, GEOID, ALAND, AWATER, and NAME. The data is aligned, with the first column (STATEFP) containing values like '01' and the second column (COUNTYFP) containing values like '001', '003', etc. The text is color-coded by column.

1	STATEFP	COUNTYFP	GEOID	ALAND	AWATER	NAME
2	01	001	01001	1539602123	25706961	"Autau
3	01	003	01003	4117546676	1133055836	"Baldw
4	01	005	01005	2292144655	50538698	"Barbo
5	01	007	01007	1612167481	9602089	"Bibb
6	01	009	01009	1670103911	15015423	"Blour
7	01	011	01011	1613059160	6054988	"Bulld
8	01	013	01013	2012002530	2701198	"Butle
9	01	015	01015	1569189622	16627597	"Calho
10	01	017	01017	1545085607	16971701	"Chamb
11	01	019	01019	1433623321	120308339	"Cherd
12	01	021	01021	1794477075	20592144	"Chilt
13	01	023	01023	2365869835	19144469	"Choct
14	01	025	01025	3207494111	36657891	"Clark
15	01	027	01027	1564251835	5285207	"Clay
16	01	029	01029	1450663940	2354896	"Clebu
17	01	031	01031	1758565925	3907189	"Coffe
18	01	033	01033	1535202321	79700277	"Colbe
19	01	035	01035	2202007854	6632046	"Conec

To install, click the extensions icon and search for Rainbow CSV



The screenshot shows the Visual Studio Code interface with the Extensions view open on the left. The search bar contains 'Search Extensions in Marketpl...'. The 'INSTALLED' section is expanded, showing several extensions. The 'Rainbow CSV' extension is highlighted with a red arrow. The extension's name is 'Rainbow CSV' and its description is 'Highlight CSV and TSV files, mechatroner'. Other extensions shown include 'Microsoft', 'Rewrap', 'Smarty Template Support', and 'Test Runner for Java'. The background shows the same CSV data as the previous screenshot.