

1. Given the following list of US states, please provide their state senators and political party for each individual year in the range [2012,2023]. If both senators are of the same party, return the party. Otherwise, return the word 'mixed.' Return in a dictionary format. For example: {2012: {state1: 'republican', state2: 'mixed'}, 2013: {state1: 'democratic'}}. Keep on generating the dictionaries for the remaining years. Return for the year 2024 as well.

Sources: [https://en.wikipedia.org/wiki/2024\\_United\\_States\\_Senate\\_elections](https://en.wikipedia.org/wiki/2024_United_States_Senate_elections),  
[https://en.wikipedia.org/wiki/List\\_of\\_current\\_United\\_States\\_senators](https://en.wikipedia.org/wiki/List_of_current_United_States_senators),  
[https://en.wikipedia.org/wiki/Party\\_divisions\\_of\\_United\\_States\\_Congresses](https://en.wikipedia.org/wiki/Party_divisions_of_United_States_Congresses),  
[https://ballotpedia.org/List\\_of\\_current\\_members\\_of\\_the\\_U.S.\\_Congress](https://ballotpedia.org/List_of_current_members_of_the_U.S._Congress),  
[https://ballotpedia.org/United\\_States\\_Senate\\_elections,\\_2024](https://ballotpedia.org/United_States_Senate_elections,_2024)

Here's the list of US states used:

['Alabama',  
'Alaska',  
'Arizona',  
'Arkansas',  
'California',  
'Colorado',  
'Columbia',  
'Connecticut',  
'Delaware',  
'Florida',  
'Georgia',  
'Hawaii',  
'Idaho',  
'Illinois',  
'Indiana',  
'Iowa',  
'Kansas',  
'Kentucky',  
'Louisiana',  
'Maine',  
'Maryland',  
'Massachusetts',  
'Michigan',  
'Minnesota',  
'Mississippi',  
'Missouri',  
'Montana',  
'Nebraska',  
'Nevada',

'New Hampshire',  
'New Jersey',  
'New Mexico',  
'New York',  
'North Carolina',  
'North Dakota',  
'Ohio',  
'Oklahoma',  
'Oregon',  
'Pennsylvania',  
'Rhode Island',  
'South Carolina',  
'South Dakota',  
'Tennessee',  
'Texas',  
'Utah',  
'Vermont',  
'Virginia',  
'Washington',  
'West Virginia',  
'Wisconsin',  
'Wyoming']