SF Dev Challenge (Scratch Org, Dev Hub, Source driven development)

What you need

1. Trailhead playground
2. SF CLI
3. VS Code
4. VS Code Salesforce extension pack

Upload your final results here:- Will be closed by Feb 18, 2022 6 P.M IST

https://forms.office.com/r/jXDpQupX8r

Points to remember:

1. Ensure you are uploading clear screen shots
2. Each screenshot from org should have org url clearly visible else your output will not be considered for evaluation and will be marked as incomplete in the final report

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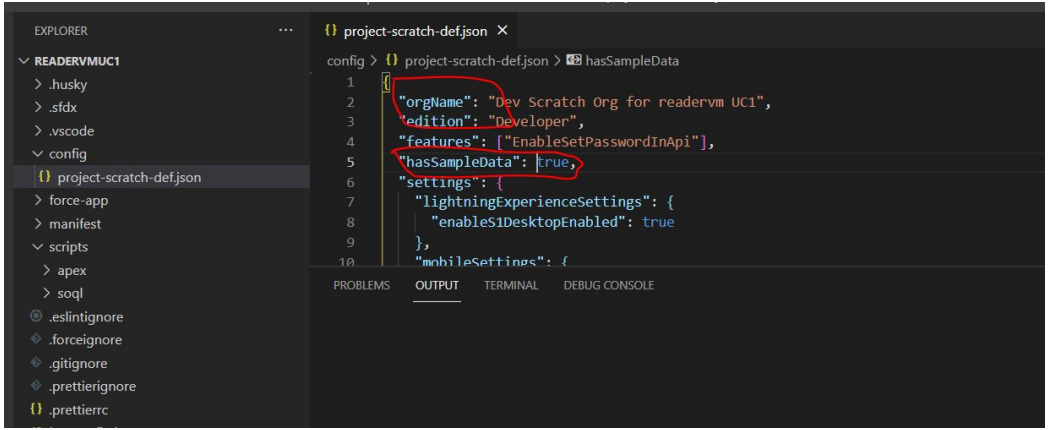
Challenge

UC #1: Enable **“Dev Hub”** in your trailhead playground or developer edition

UC #2 : Use VS code or SF CLI auth command and **authorize your “Dev Hub”** org

UC #3 : Use VS code to **create a SF project** in a local folder. Modify project-scratch.json file and **provide org name as ‘New Scratch Org - <Your name>’**

Optional: If you would like to have scratch org prepopulated with sample data use “hasSampleData” attribute



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Challenge

UC #4: Use VS code or SF CLI auth command and **create a new scratch org.** Provide **alias name as 'scratchOrgV1'**

UC# 5: Use scratch org to create a new custom field of type **number** named '**Number of active contacts**' " on **Account** object

Use scratch org to create to create a new custom field of type **Checkbox** named **'Active Status** " on **Contact** object

UC #6: Use source pull to bring org changes made in the above step to local project codebase

UC #7: Use VScode to create an **apex class** and add an **invocable method** that

- calculates total number of active contacts associated to the account. Use Active Status flag to find active contacts
- Find the count and update account record custom field "**Number of active contacts**"

Note: Ensure invocable method works for single or multiple contacts

UC #8: Use source push to move apex class created above to the scratch org

UC #9: Use scratch org to create a process builder that runs on contact create and update

- Call the invocable method created above and test if the functionality works fine every time when a contact is added or updated