

## Illumina Salesforce Interview Coding Challenge:

### Use Case 1:

- 1) Create a lwc (lightning web component) that takes zip code as an input and makes an api call. You can use the free zip code api (<http://api.zippopotam.us/us/<zipcode>>).
- 2) If the country in response is "US", response should be shown in another lightning component (No need to save data) but if the country value is anything else, response should be stored in a custom object.
- 3) We should be able to see the non-US data in a different screen.
- 4) Achieve the same using flow with proper exception handling. For this create a separate UI experience.

### Use Case 2:

- 1) Create a custom field called "Risk" with values as High, Low, Medium.
- 2) When the value "High" is selected, trigger a platform event.
- 3) Platform event should be subscribed, and case should be created. Case Owner should be a user different than account owner.

### Important Considerations

- 1) All apex code should have proper error handling, should follow best practices.
- 2) Code should be performant.

Please share it with us in a public repository in Github.