

# problem-5 ( React- Restaurant - List)

## JSON DATA

### Description

#### PART-I

- Create this component RestaurantDetails
- pass an object data as prop
- Create the object also with relevant information (example: should take card payment methods, total votes, reviews, cost for one, categories etc.) (payment method and categories are mandatory)
- Make 20 of these objects
- Use map method to list all the objects
- import from the json file (example: `import data from './data.json'`), and initialise as default value and store to state



#### PART-II

- Create a button to sort the restaurants with ratings
- There should be 4 buttons. 1 star, 2 star, 3 star and 4 star
- 4 star shows restaurants above 4
- 3 star shows restaurants above 3
- 2 star shows restaurants above 2
- 1 star shows restaurants above 1

- dont try to mutate the state, rather use chaining,  
like `array.filter().sort().map()`

### PART-III

- Create buttons for cash , card ,upi, and all .
- On click of cash button, restaurants that accept cash should be stored.
- On click of card button, restaurants that accept card should be stored.
- On click of upi button, restaurants that accept upi should be stored.
- On click of all button, show all restaurants

HINT: you can store payment methods as a key in this format

```
{ payment_methods: { card: true, cash: true, upi: true } }
```

### PART-IV

- Create two buttons for sort high to low, and low to high
- on click of desc, show restaurants from high to low cost for 2 people
- on click of asc , show restaurants from low to high cost for 2 people

HINT: store a key called cost\_for\_two

- Make the filter and sort work together.
- as in one should be able to see only restaurants which are above 4 stars and also in the descending order,

### Note

- Also make sure to cross check all the spellings and Case of Texts.