



**Using JSON, AngularJS and AJAX**

1. Develop a JSON program for creating 20 students personal information using the following fields as a inputs and print the outputs in table format (Use any Javascript/JQuery/AngularJS).

student name, date\_of\_birth(date,month,year),parents(fathers\_name,mothers\_name), blood\_group,email,phone(landline,mobile),address(door\_no,street\_name,place\_name,pincode, country),degree(ug,pg and others).

2. Develop an angular shopping application to buy books and remove if not required.  
If the user enters a book in the text box and clicks addbook button, the book is added and if the user clicks on cross symbol next to each book given in the picture below, the book is removed from the list.  
If the book is selected twice, display an appropriate error message. Use angular animations to add and remove items.

**Books**

Web Technologies	X
Operating System	X
Database systems	X
Computer Architecture	X

ADD BOOK

3. Product details are maintained in JSON file and gets it using AJAX. Develop the page contains a dropdown list which lists the value of product name. While clicking Availability button display the details of corresponding selected product as Product ID, name, price, stock and type.

4. Develop an angular application to validate the given form. Clearly mention the status of validation like required, invalid or valid message to the respective field.

Your Name (required)

This field is required.

Your Email (required)

Please enter a valid email address.

Your Phone

Please enter a valid number.

Website

Please enter a valid URL.

Credit Card

Please enter a valid credit card number.

Date Of Birth

Please enter a valid date.

5. Develop an Angular Single Page Application to show the details of weather, movie and currency rates of today. (Use templateUrl)

Now, if you run the application and click the **Weather**, the app displays like below. Create a separate file weather.html and displayed it in a same page. Maintain weather details in JSON format. While clicking the submit button, your script display weather details for the corresponding city value which has entered in text field. Similar movie and currency details should be displayed in same page (Use template).

localhost:4200/weather

Weather Movie Details Currency Rates

## Yahoo! Weather

San Francisco

Enter State. Example CA for California ...

Submit

City, State, Country : San Francisco CA United States  
Current Condition : Breezy  
Current Temperature : 53

