

FY MSc. (CA) SEM1-103-01 Web Development Frameworks**Journal**

1. Calculate the Compound interest. All inputs should be textbox, calculate amount on all textbox change event. No need any button to click and calculate.
2. Create order form with a total price updated in real time. Display four services with its name and price, it should be look like toggle button. When user click on one service price will be added/subtract in the Total.
3. Create student collection with ID, Student name and Blood group. List out all students in table format. Filter a list of students by typing into a search textbox.
4. Event management: Create the first page to listing all events with the delete link. Create second page to add new event. Fields: eventTitle, eventDate, fromTime, toTime, and description.
5. Create registration page. FirstName <Textbox>, LastName<Textbox>, Course<Dropdown> bind from array of course, AcceptTerms <Checkbox>. Apply appropriate validation with proper error message.
6. Create navigation menu (Home, About, Contact). Implement routing concept.
7. Design your own student profile page with style and allow changing only profile picture. Uploaded picture must be stored in local and that picture will show in next execution.
8. Perform CRUD operation for user management with validation.
Fields: id, empName, salary, isManager, two extra field for employee detail
Operation: get(), post() and delete()
API URL: <https://beeceptor.com/crud-api/>
9. Create ExpressJS API to manage books in library. "isbn" field is require and unique. "available" boolean filed to manage book availability. Take other 7 fields for book attribute.
get(): /book
get(): /book/3-540-96331-6
post(): /book
put(): /book/3-540-96331-6
patch(): /book/3-540-96331-6/true
delete: /book/3-540-96331-6
10. Create AngularJS application based on above library API.

Note:

1. Don't use readymade theme, design page by your own creativity.
2. Index is compulsory in the given format only.
3. You are requested to printout all the web page screen and output.
4. You are requested to submit all the programs in the given journal format only.