

Q1: Student Result Board

1. You will receive following JSON data from the backend via **xyz (Keep API link here)** API:

```
{
  {
    name: rajiv,
    marks: {
      Maths: 18,
      English: 21,
      Science: 45
    },
    rollNumber: KV2017-5A2
  },
  {
    name: abhishek,
    marks: {
      Maths: 43,
      English: 30,
      Science: 37
    },
    rollNumber: KV2017-5A1
  },
  {
    name: zoya,
    marks: {
      Maths: 42,
      English: 31,
      Science: 50
    },
    rollNumber: KV2017-5A3
  }
}
```

2. Create a 'Student Result Board' using the data from incoming JSON considering the following points:
- Display the students details in a table in alphabetical order of their names.
 - Display first letter of name in uppercase.
 - Name of students who **failed** in any subject should come in **Red** color.
 - Name of student who scored highest **total marks** should come in **Green** color.
 - Students who passed, failed and topped should have 'Pass', 'Fail' and 'Topper' in the status column, respectively.
 - Number of students in the JSON object is n where $0 < n \leq 15$.
 - Heading should be **bold**, sub headings should be **bold** and *italic*.

Note:

Maximum marks in each subject is **50**.

Minimum marks required to pass any subject is **20**.

Total marks is the sum of marks received in all subjects.

3. Create a separate CSS file for styling.
4. Sample Table:

Students Result Board			
Student Name	Roll Number	Total Marks	Status
Abhisek	KV2017-5A1	110	Pass
Rajiv	KV2017-5A2	84	Fail
Zoya	KV2017-5A3	123	Topper

5. In a new page/tab create a School Admission Form and validate all its fields before submission. Student form will have following fields:
 1. Name (accepts only alphabets a-zA-Z, max character size:20)
 2. Last Name (accepts only alphabets a-zA-Z, max character size:20)
 3. Class (accepts both numeric and string values, eg. 5A)
 4. Year of passing (accepts only number, any year after 2017 should be invalid)
 5. Percentage of marks (accepts only number)
6. Disable/hide the form submission button if any of the validation fails.