Duration 1 hour

Subjects : Bootstrap and TypeScript

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q1. Write a HTML program, Create a data entry form to get 8 Inputs, use Bootstrap, display these 8 Inputs in an One single Row. Your program output should look same as the below image. Input elements should not touch other elements or borders and should not overlap or exceed the container. Horizontal scroll bar is not required. Name the file as q1.html



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q2. Write a TypeScript program, it should ask the user to enter an Input, If user enters A then it should alert Excellent, similarly for B alert Good, for C alert Fair, for D alert Poor, for all other inputs alert Invalid Input. Use the most efficient logic. Your TypeScript program should compile without any error and it should give JavaScript program. Include the generated JavaScript program in to a HTML program, so that it can be run and tested in Browser. Name the files as q2.ts, q2.js and q2.html

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q3. Write a TypeScript program, Initialize an Array with 3 Objects. Each Object should have name and place properties. Set the values for name and place properties, Sample data is as shown in the below table. Read the above array and dynamically create a HTML table as shown below. Your TypeScript program should compile without any error and it should give JavaScript program. Include the generated JavaScript program in to a HTML program, so that it can be run and tested in Browser.

Finally the HTML file output should be same as the below image. If there is any gap between TypeScript and JavaScript then you may manually fill the gap in JavaScript file. Name the files as q3.ts, q3.js and q3.html



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