

1. Create a custom pipe that counts the number of elements present in the array.
2. Create a table that displays list of courses along with their price and format the table to have some background color and foreground color using property binding.
3. Create the following components and enable routing for them.
 - a. StudentComponent
 - b. FacultyComponent
 - c. AcademicComponent
 - d. AssessmentReportComponent
4. Create a button control in the app component and enable event handling when the mouse overs the button.