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| **Serial No** | **1/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Data binding between HTML and Components |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Components** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display a screen which binds some user entered data.** |

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| **Serial No** | **2/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Services * Dependency Injection |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Services & dependency injection.**  **Share any data / constant data between services.** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display any screen which developed using above mentioned concepts internally.** |

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| **Serial No** | **3/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Routing |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Routing** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display two screens which can navigate from one another using Angular routing.** |

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| **Serial No** | **4/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Observables |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Share data between two components by using Observables.** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display any screen which developed using above mentioned concepts internally.** |

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| **Serial No** | **5/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Static Forms * Dynamic Forms |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Forms – static and dynamic** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Develop one screen for static form usage and one more screen for dynamic form usage.** |

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| **Serial No** | **6/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Http Requests |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Http requests** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display data on screen by making Http calls (Rest calls) from Angular application to your local spring boot application.** |

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| **Serial No** | **7/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Directives |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular custom directives** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display any screen which developed using above mentioned concepts internally.** |

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| **Serial No** | **8/8** |
| **Program description** | Develop an Angular application to demonstrate below functionalities/concepts.   * Dynamic Components |
| **Technologies to use** | **Angular** |
| **Concepts to use** | **Angular Dynamic Components** |
| **Concepts / libraries do not use** | **NA** |
| **Validations required** | **NA** |
| **Sample Input** | **NA** |
| **Expected output** | **Display any screen which developed using above mentioned concepts internally.** |