

Pro Angular 5th Ed

Chapter 15: Understanding Components

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Q1. What is the root component in an angular application?

- A. the module that you bootstrap to launch the application
- B. the entry point specified in the Angular module.
- C. the component that loads other components
- D. the component has one or more child component

Answer: B

Q2. How do you describe a component?

- A. Using the declarations property of the @NgModule decorator of the module that encapsulates it
- B. Using the @Component directive
- C. Using the selector property
- D. Using the templateUrl property

Answer: B

Q3. Which property of the @Component decorator is used to specify the CSS selector used to match host elements?

- A. styles
- B. styleUrls
- C. selector
- D. template

Answer: C

Q5. Which property of the @Component decorator is used to specify an inline template?

- A. selector
- B. Template
- C. templateUrl
- D. styles

Answer: B

Q6. What is required to do to use a component in a module?

- A. Bring the component in scope using an import statement
- B. Add the component to the NgModule decorator's declarations array
- C. Add the component to the NgModule decorator's imports array
- D. Add the component to the NgModule decorator's providers array

Answer: A, B

Q7. Which component decoration is correct?

- A. @Component({selector: "<app></app>", templateUrl: "<div>loading.</div>"})
- B. @Component({selector: "<app></app>", template: "<div>loading.</div>"})
- C. @Component({selector: "<app></app>", styles: "<div>loading.</div>"})
- D. @Component({selector: "<app></app>", styleUrls: "<div>loading.</div>"})

Answer: B

Q8. How do you pass data from parent component to child component?

- A. Using Input properties

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- B. Using Output properties
 - C. Using attribute directive
 - D. Using structural directive

Answer: A

Q9. How do child components define custom events to signal important changes to parent components?

- A. Using Input properties
- B. Using Output properties
- C. Using attribute directive
- D. Using structural directive

Answer: B

Q10. Which event declaration is correct?

- A. `@Output() newName = event;`
- B. `@Output() newName = $event;`
- C. `@Output() newName = $event.value;`
- D. `@Output() newName = new EventEmitter<string>();`

Answer: D