

# Pro Angular

## Chapter 17: Understanding Components

INSTRUCTOR: MD. HABIBUL HAQ  
domain.habib@gmail.com

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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

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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

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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

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

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

Answer: B

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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

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Q7. Which component decoration is correct?

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

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

Answer: B

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

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

Answer: A

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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

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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

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