

Pro Angular

Chapter 12: Using Data Bindings

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Q1. Which data binding used to generate content for the user and are the basic building block for Angular templates?

- A. One-way data binding
- B. Two-way data binding
- C. Event binding
- D. Changes tracking

Answer: A

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Q2. Which one is not a one way data binding?

- A. {{Title}}
- B. <input [value]="firstName" />
- C. <button (click)="">Change </button>
- D. <input [(ngModel)]= "p.Name" #f />

Answer: D

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Q3. Which Data Binding expression indicates that data flows from the expression to the target?

- A. [target]="expression"
- B. {{expression}}
- C. (target) ="expression"
- D. [(target)] ="expression"

Answer: A

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- [A. Input binding
- B. String interpolation binding
- C. Output binding
- D. Two-way binding]

Q4. Which one is string interpolation binding?

- A. [target]="expression"
- B. {{expression}}
- C. (target) ="expression"
- D. [(target)] ="expression"

Answer: B

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Q5. Which Data Binding expression indicates that the data flows from the target to the destination specified by the expression?

- A. [target]="expression"
- B. {{expression}}
- C. (target) ="expression"
- D. [(target)] ="expression"

Answer: C
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Q6. Which Data Binding expression indicates that the data flows in both directions between the target and the destination specified by the expression?

- A. [target]="expression"
- B. {{expression}}
- C. (target) ="expression"
- D. [(target)] ="expression"

Answer: D
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Q7. Which one is null conditional operator?

- A. #
- B. ?
- C. ??
- D. ||

Answer: B
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Q8. You want to bind the name property of the member model object if not null otherwise show text "input name".

Which template does this with null conditional operator?

- A. <input [value]="member.name" placeholder='input name'/>
- B. <input [value]="member.name || 'input name'" />
- C. <input [value]="member?.name || 'input name'" />
- D. <input [value]="member.name ? 'input name'" />

Answer: C
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Q9. Which binding does not work?

- A. <div>{{model.fullName}}</div>
- B. <div>Full Name: {{model.fullName}}</div>
- C. <div [text]="model.fullName"></div>
- D. <div [textContent]="Full Name: ' + model.fullName"></div>

Answer: C
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[Angular binding supports DOM property not standard
Not all standard attributes are not supported]

Q10. Which property is used to set the content of HTML elements?

- A. text
- B. content
- C. html
- D. textContent

Answer: D
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Q11. Which attribute binding will generate errors?

- A. <td [colspan]="1+1">merged</td>
- B. <td [colSpan]="1+1">merged</td>
- C. <td [attr.colspan]="1+1">merged</td>
- D. All of the above

Answer: A
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[Angular supports DOM property
colspan doesn't work but colSpan does (camel casing colSpan, textContent)
But attr.colspan is ok]

- Q12. Which one does not properly set CSS class to div element evaluating the getClass method?
- A. `<div [class]="getClass ()">div content</div>`
 - B. `<div [style.class]="getClass ()">div content</div>`
 - C. `<div [attr.class]="getClass ()">div content</div>`
 - D. `<div [ngClass]="getClass ()">div content</div>`

Answer: B
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- Q13. Which one append a class "text-danger" to an element without overwriting the classes already on the element when the template expression evaluates to truthy?
- A. `<div class="text-right" [class]="isLow? 'text-danger': ''">div content</div>`
 - B. `<div class="text-right" [attr.class]="isLow? 'text-danger': ''">div content</div>`
 - C. `<div class="text-right" [class.text-danger]="isLow">div content</div>`
 - D. `<div class="text-right" [ngClass]="isLow">div content</div>`

Answer: C
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- Q14. You have an item in your component
`fontSize:string="10";`
You want an element's font size in pixel to the `fontSize` member value.
What template expression should you write?
- A. `first`
 - B. `first`
 - C. `first`
 - D. All of the above

Answer: B
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