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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