

# Pro Angular 5<sup>th</sup> Ed

## Chapter 10: Using Data Bindings

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

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Q1. What is data binding in angular apps?

- A. The expressions that are embedded into templates and are evaluated to produce dynamic content in the HTML document.
- B. The code that processes data and passes it to an HTML document.
- C. The functions that serves HTML document for data from various source
- D. The provider that pulls data from back-end servers.

Answer: A

Q2. Which data binding is 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

Q3. Which one is not a one way data binding?

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

Answer: D

Q4. Which DataBinding expression indicates that data flows from the expression to the target?

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

Answer: A

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

Q5. Which one is string interpolation binding?

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

Answer: B

Q6. Which DataBinding expression indicates that the data flows from the target to the destination specified by the expression?

- A. [target]="expression"
- B. {{expression}}

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- C. (target) ="expression"
  - D. [(target)] ="expression"

Answer: C

Q7. Which DataBinding 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

Q8. Which one is null conditional operator?

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

Answer: B

Q9. 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

Q10. 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

[Angular binding supports DOM property not standard

Not all standard attributes are not supported]

Q11. Which property is used to set the content of HTML elements?

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

Answer: D

Q12. 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

[Angular supports DOM property

colspan doesn't work but colSpan does (camel casing colSpan, textContent)

But attr.colspan is ok]

Q13. Which one does not properly set CSS class to div element evaluating the getClass method?

- A. <div [class]="getClass ()">div content</div>

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- 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

Q14. 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

Q15. 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. `<span [style.fontSize]="fontSize">first</span>`
- B. `<span [style.fontSize.px]="fontSize">first</span>`
- C. `<span [style.fontSize.pixels]="fontSize">first</span>`
- D. All of the above

Answer: B