

# Pro Angular

## Chapter 13: Using the Built-in Directives

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

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Q1. Which built-in directive is used to include an element and its content in the HTML document if the expression evaluates as true?

- A. ngIf
- B. ngSwitch
- C. ngTemplate
- D. ngFor

Answer: A  
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Q2. Which built-in directive is used to choose between multiple elements to include in the HTML document based on the result of an expression?

- A. ngIf
- B. ngSwitch
- C. ngTemplate
- D. ngFor

Answer: B  
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Q3. Which one is the correct syntax of ngFor directive?

- A. <div \*ngFor="let item in expr"></div>
- B. <div \*ngFor="let item of expr"></div>
- C. <div \*ngFor="let item to expr"></div>
- D. <div \*ngFor="let item from expr"></div>

Answer: B  
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Q4. Which one is not a ngFor supported local template value?

- A. index
- B. current
- C. odd
- D. even

Answer: B  
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index, odd, even, first, last]

Q5. How can you improve ngFor template recreation?

- A. using index with ngFor
- B. using trackBy with ngFor
- C. using local cache of template
- D. using ngIf with with ngFor

Answer: B  
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Q6. Which one is used to repeat a block of content at a specified location?

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- A. ngTemplate directive
  - B. ngTemplateOutlet directive
  - C. ngTemplateOutletContext directive
  - D. ngSwitch directive

Answer: B

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Q7. Which one should you use when you need to generate the same content in different places?

- A. ngTemplate directive
- B. ngTemplateOutlet directive
- C. ngTemplateOutletContext directive
- D. ngSwitch directive

Answer: B

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Q8. You have model element in you component

count: number = 0;

Now which binding expression will produce error in your template?

- A. {{count}}
- B. {{count+1}}
- C. Count: {{count}}
- D. {{count++}}

Answer: D

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No assignment is allowed

Also one-way data bindings cannot modify data after their expressions are evaluated]

Q9. You have model element in you component

price: number = 49.99;

discount:number = .10

Now which binding expression will produce error in your template?

- A. {{price-price\*discount}}
- B. {{{(1-price)\*discount}}}
- C. {{Math.floor (price-price\*discount)}}
- D. Current price: {{{(1-price)\*discount}}}

Answer: C

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Cannot access outside of component in binding

Cannot access global namespace in binding ]