

Bootstrap

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Agenda

1. Introduction
2. Components
3. Grid System

1. Introduction

- Bootstrap?

1. Introduction

- **Bootstrap** is a free front-end framework (HTML and CSS) for faster and easier web development
- Bootstrap is famous for being developed with components that have the ability to follow the properties of responsive designs

2. Components

- Bootstrap provides a huge collection of pre-defined components for websites
- Go to **<https://getbootstrap.com/docs/4.0/components/forms>**

2. Components

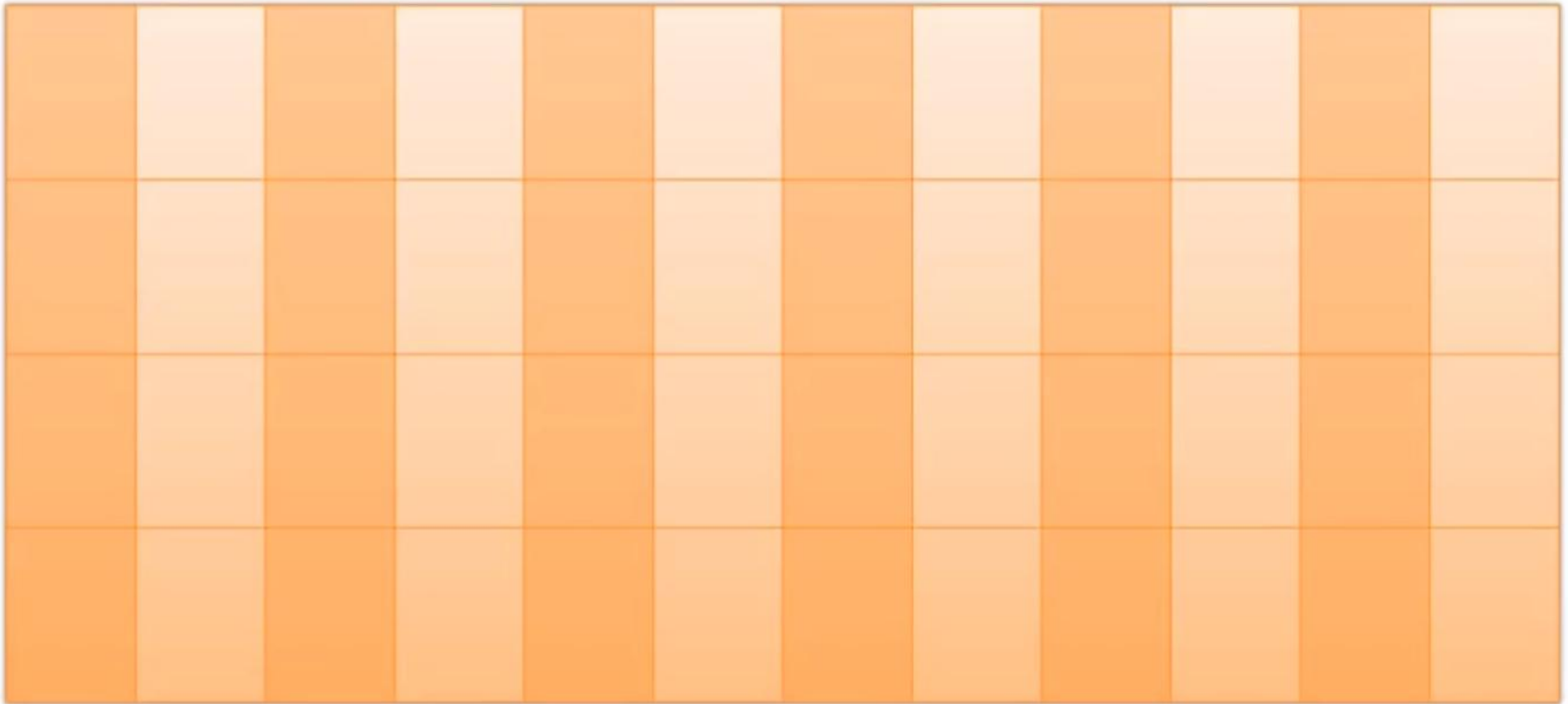
Tasks: (separate each task with a horizontal line)

1. Create a folder bootstrap_2 with an index.html.
2. Include Bootstrap 4 libraries by CDN or download them locally.
3. Create a container.
4. Create a login with username and password inputs, two buttons „Login“ and „Forgot Password“.
5. Create a signup with firstname, lastname, address, email, email-repeat and one button „Register Now“.
6. Create a Pizza Order form with five Pizza types (Margherita, Regina, Capriciosa, Calzone, Diavolo) and four sizes (small, medium, large, extra-large)
7. Download three pictures of a nice beach. (beach1-3.jpg). Create a slide show of them using the carousel component.
8. Create a drop-down menu „Order by“ and give it three options: Revenue, Costs and
9. Create a Navbar with three navigation items Home, Users, Settings and Logout. Also add a search box on the right side of it.

3. Grid System

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	<code>.col-</code>	<code>.col-sm-</code>	<code>.col-md-</code>	<code>.col-lg-</code>	<code>.col-xl-</code>
# of columns	12				
Gutter width	30px (15px on each side of a column)				
Nestable	Yes				
Column ordering	Yes				

3. Grid System



3. Grid System

[illegible]

3. Grid System

[illegible]

3. Grid System

.col-xx-6				.col-xx-6			
.col-xx-4							

3. Grid System

.col-xx-6				.col-xx-6			
.col-xx-4		.col-xx-4		.col-xx-4			

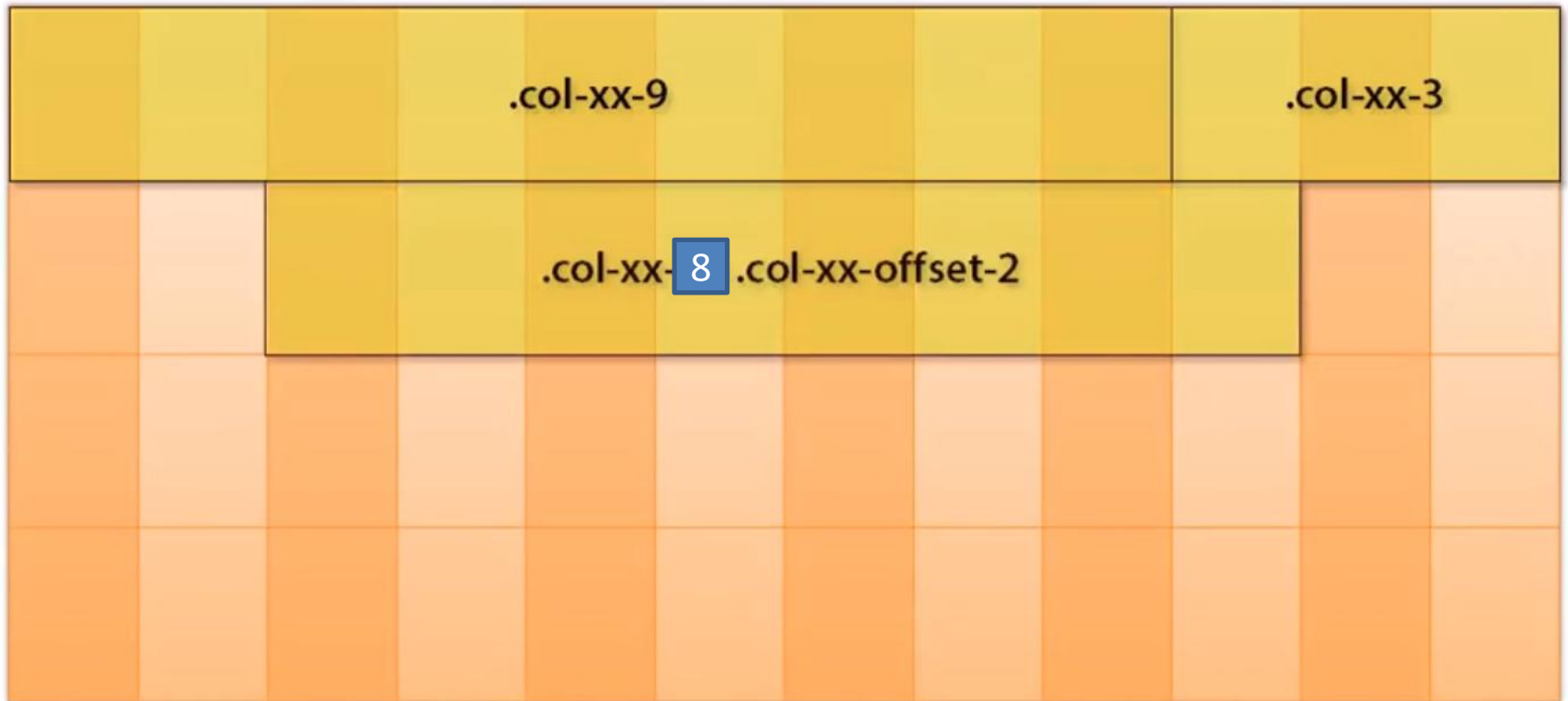
3. Grid System

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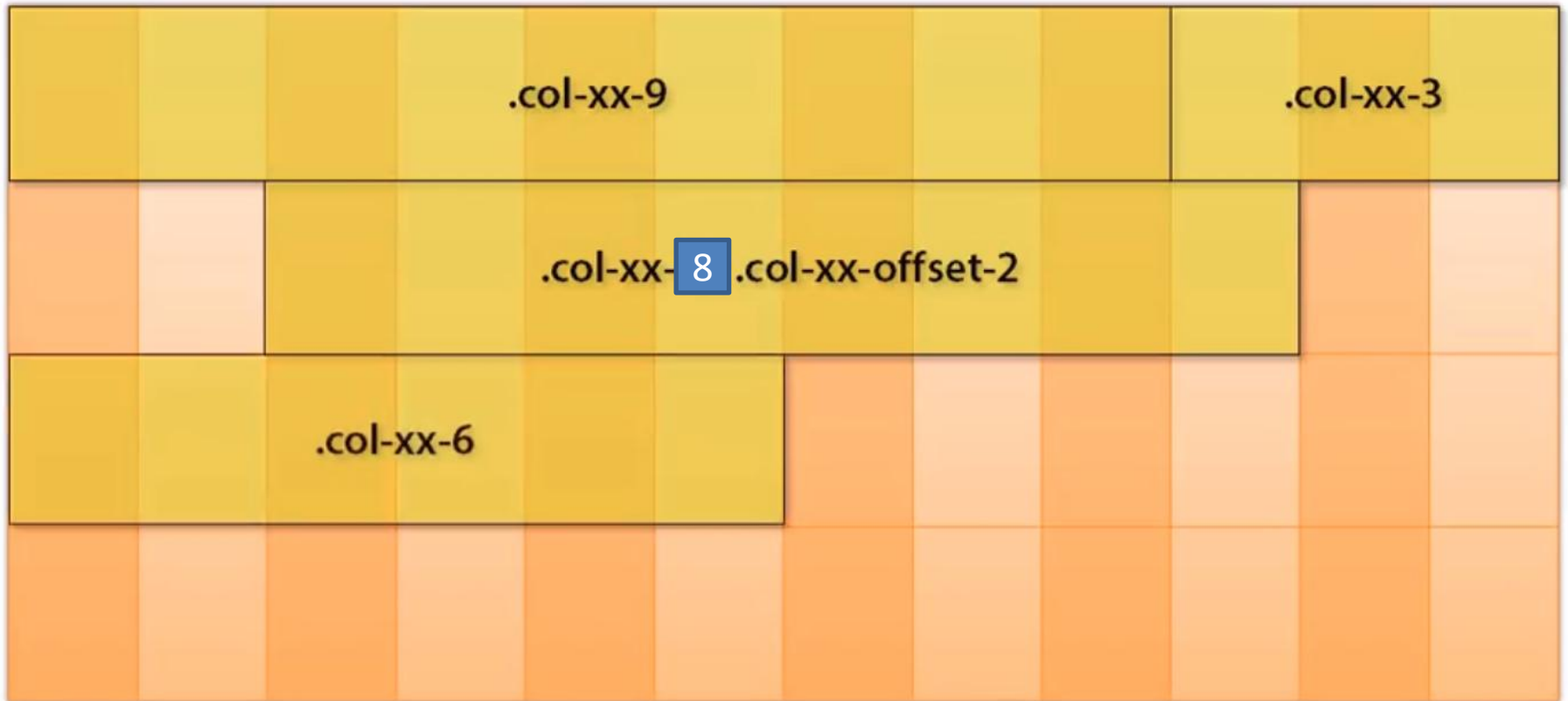
3. Grid System

	.col-xx-9	.col-xx-3

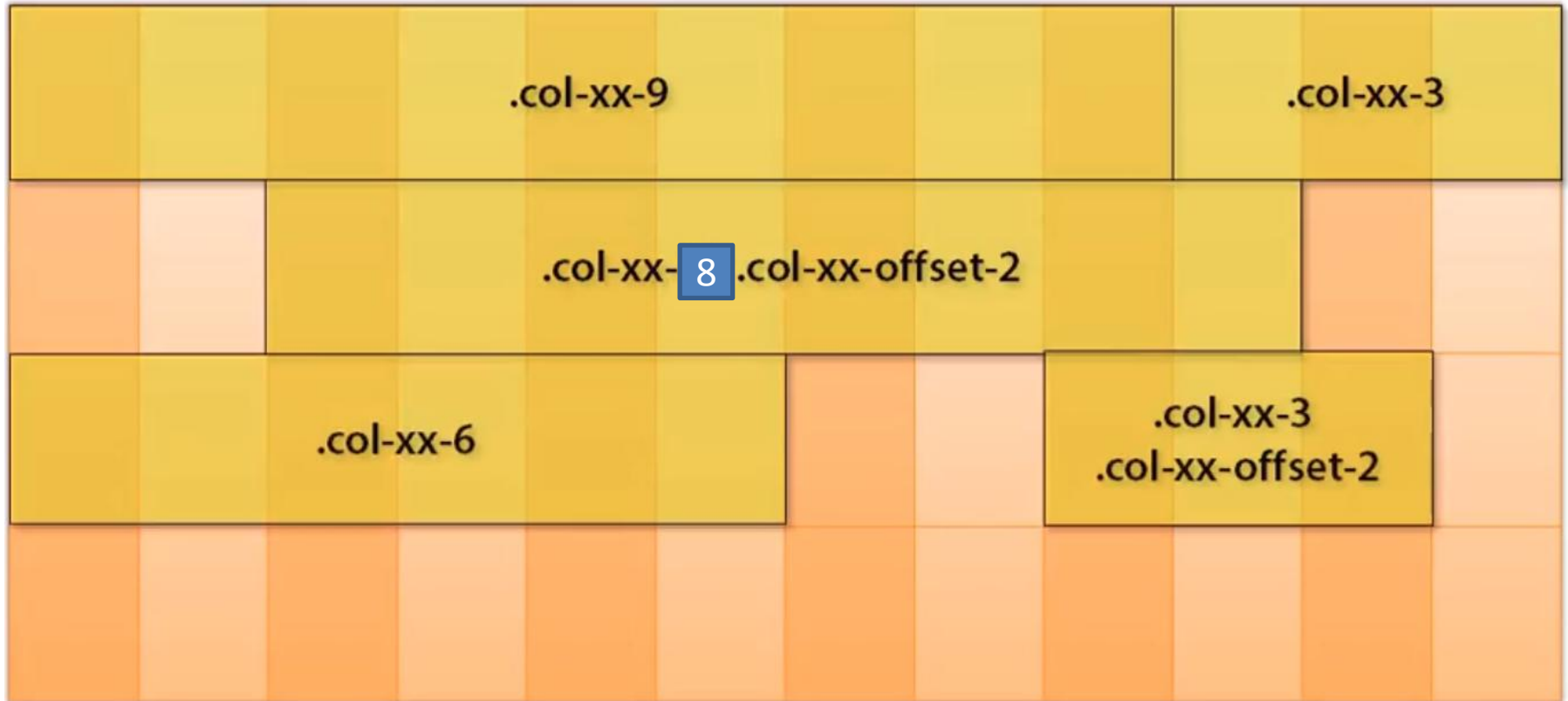
3. Grid System



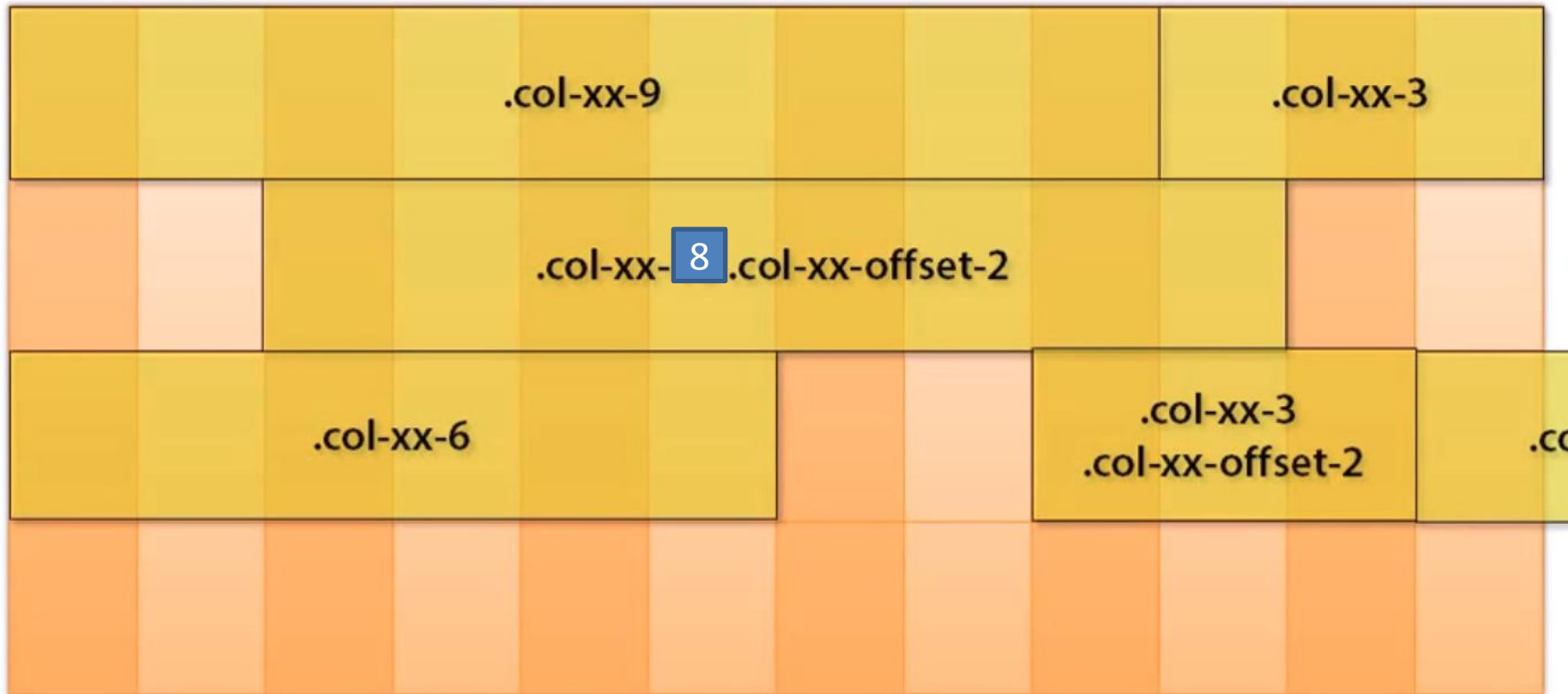
3. Grid System



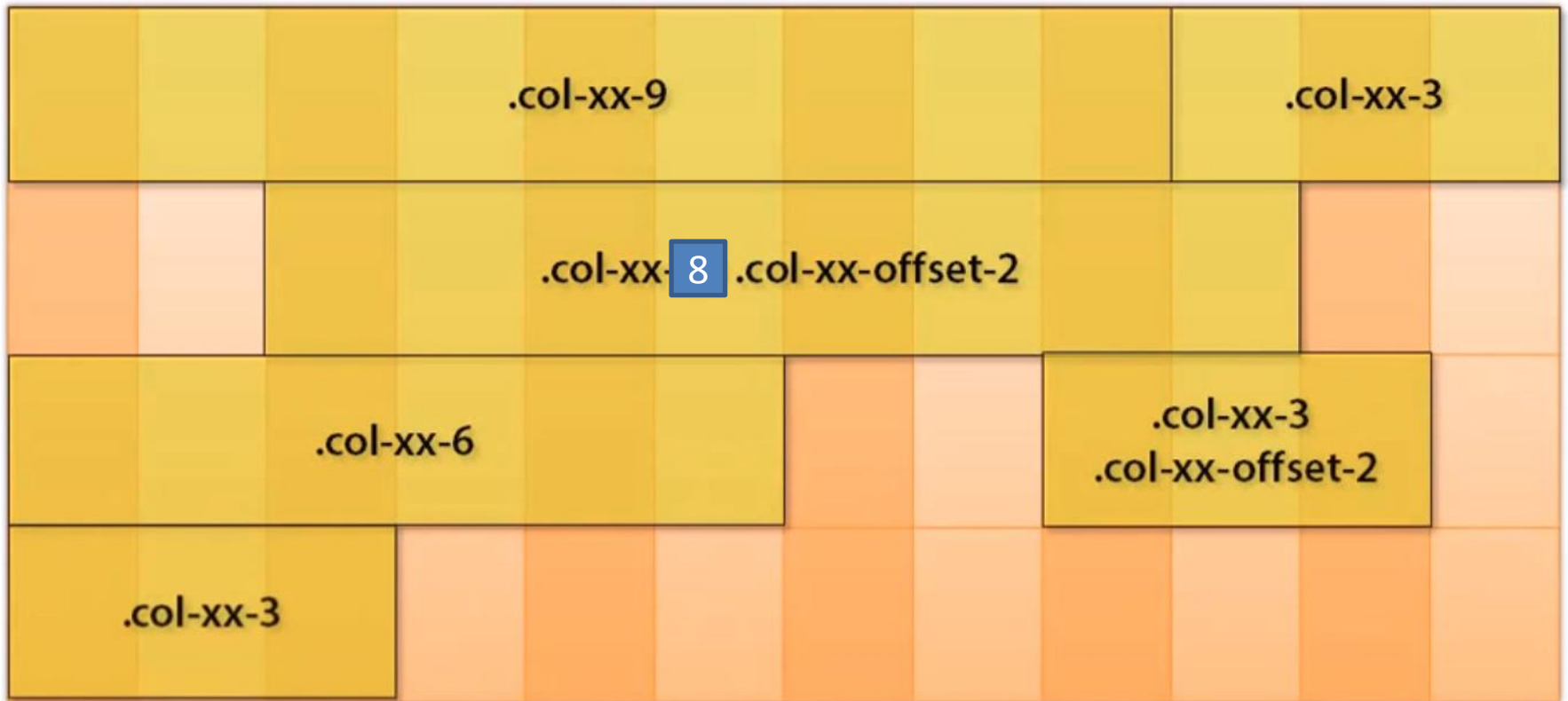
3. Grid System



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3. Grid System

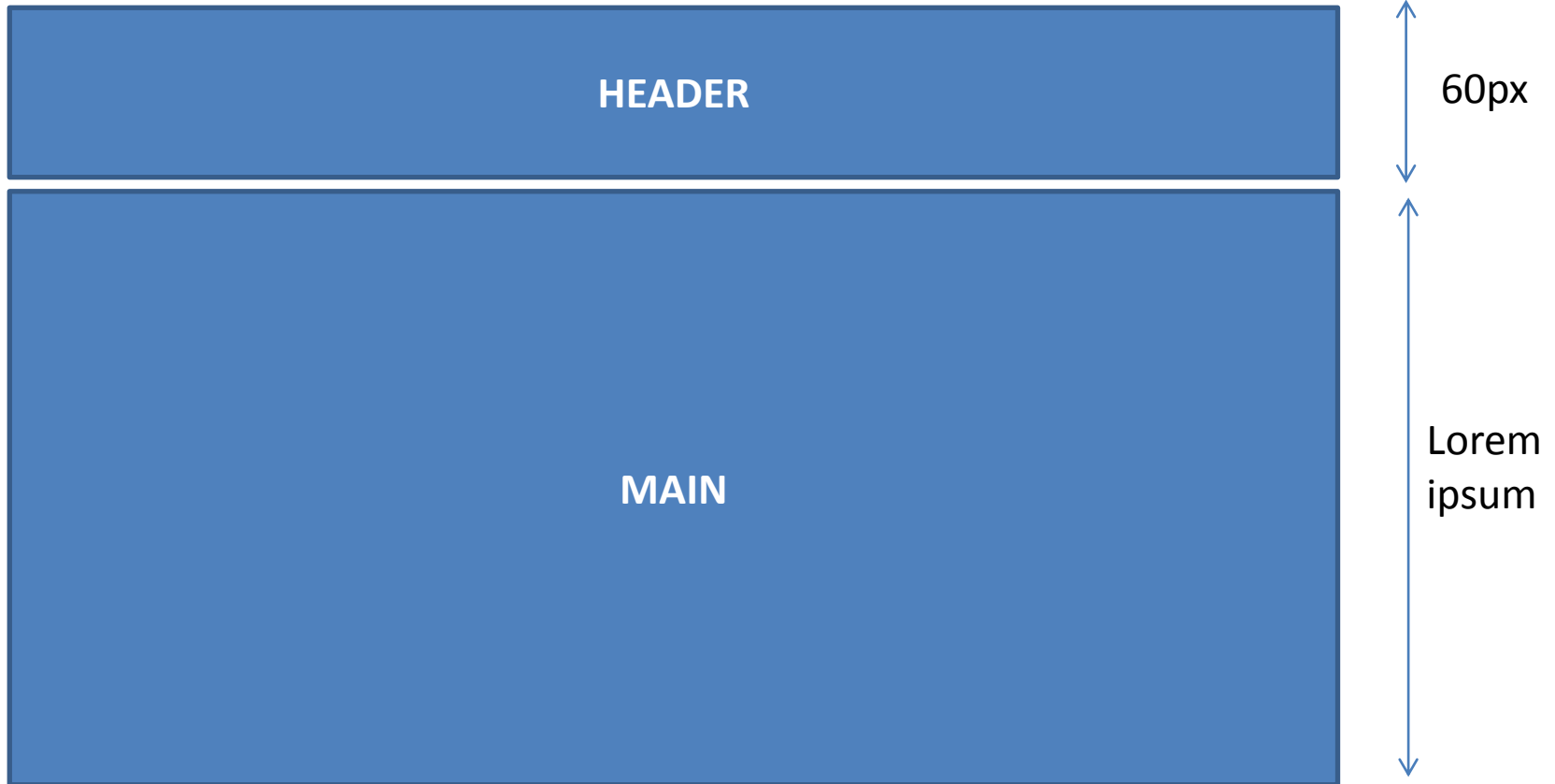


3. Grid System

- $XS < SM < MD < LG < XL$
 - XS scales up to XL
 - XL does not scale down to XS

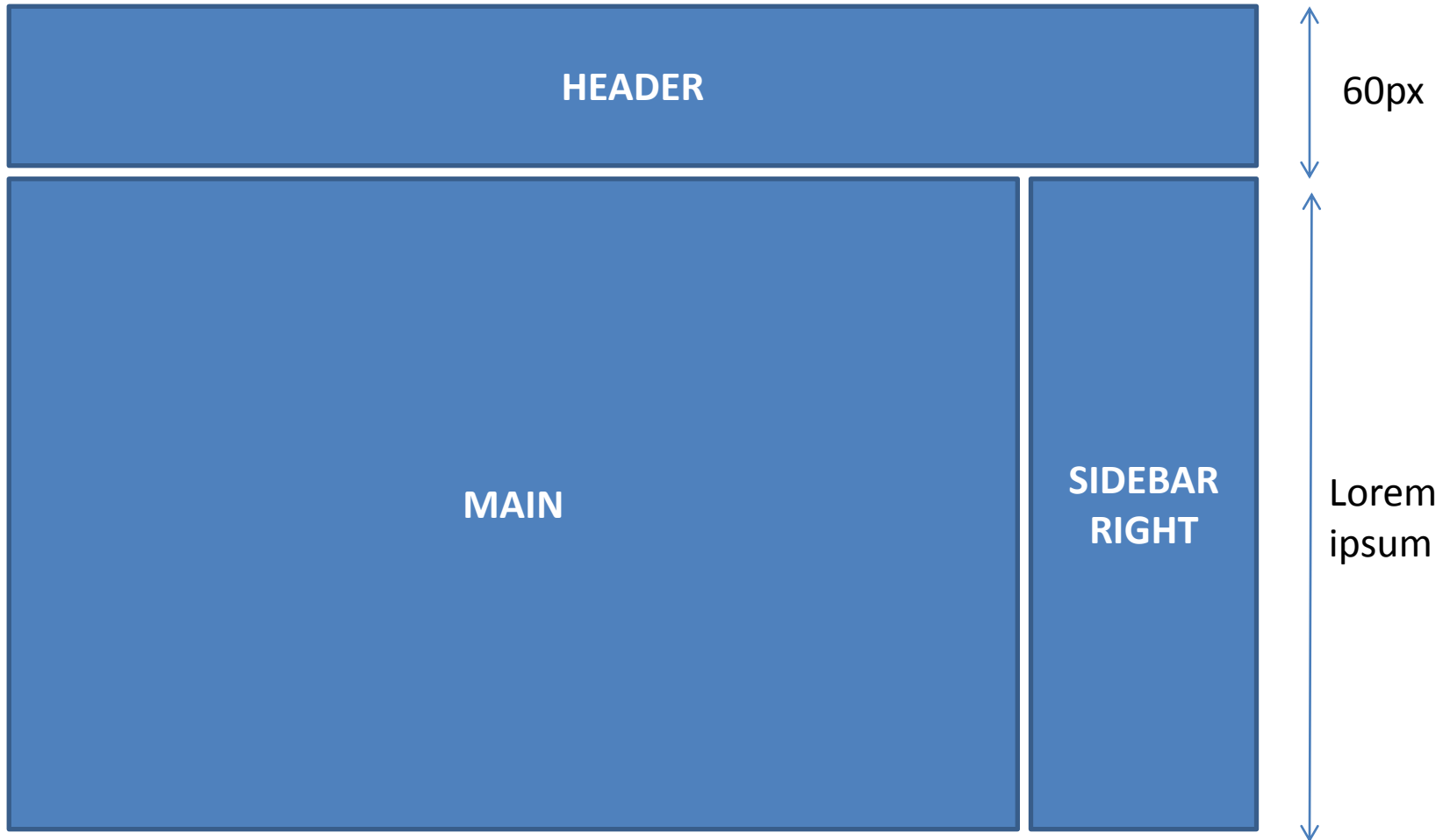
3. Grid System

Task 1:



3. Grid System

Task 2:



3. Grid System

Task 3:

