

CSS



DAY01

Introduction to CSS

- What is CSS?
- Inline, internal, and external CSS.
- Basic CSS syntax.



DAY02

Selectors and Properties

- CSS selectors (element, class, ID, descendant, etc.).
- CSS properties and values.
- Applying styles to HTML elements.



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Box Model

- Understanding the CSS box model.
- Margin, border, padding, and content areas.
- Box model properties (width, height, margin, padding).



DAY 04

Text and Fonts

- Styling text with CSS.
- Font properties (font-family, font-size, font-weight, etc.).
- Text alignment and decoration.



DAY 05

Colors and Backgrounds

- Applying colors to elements.
- Background properties (background-color, background-image, etc.).
- Background gradients.



DAY 06

Display and Position

- Display property (block, inline, inline-block, none, etc.).
- Position property (relative, absolute, fixed, static, sticky).



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DAY 07

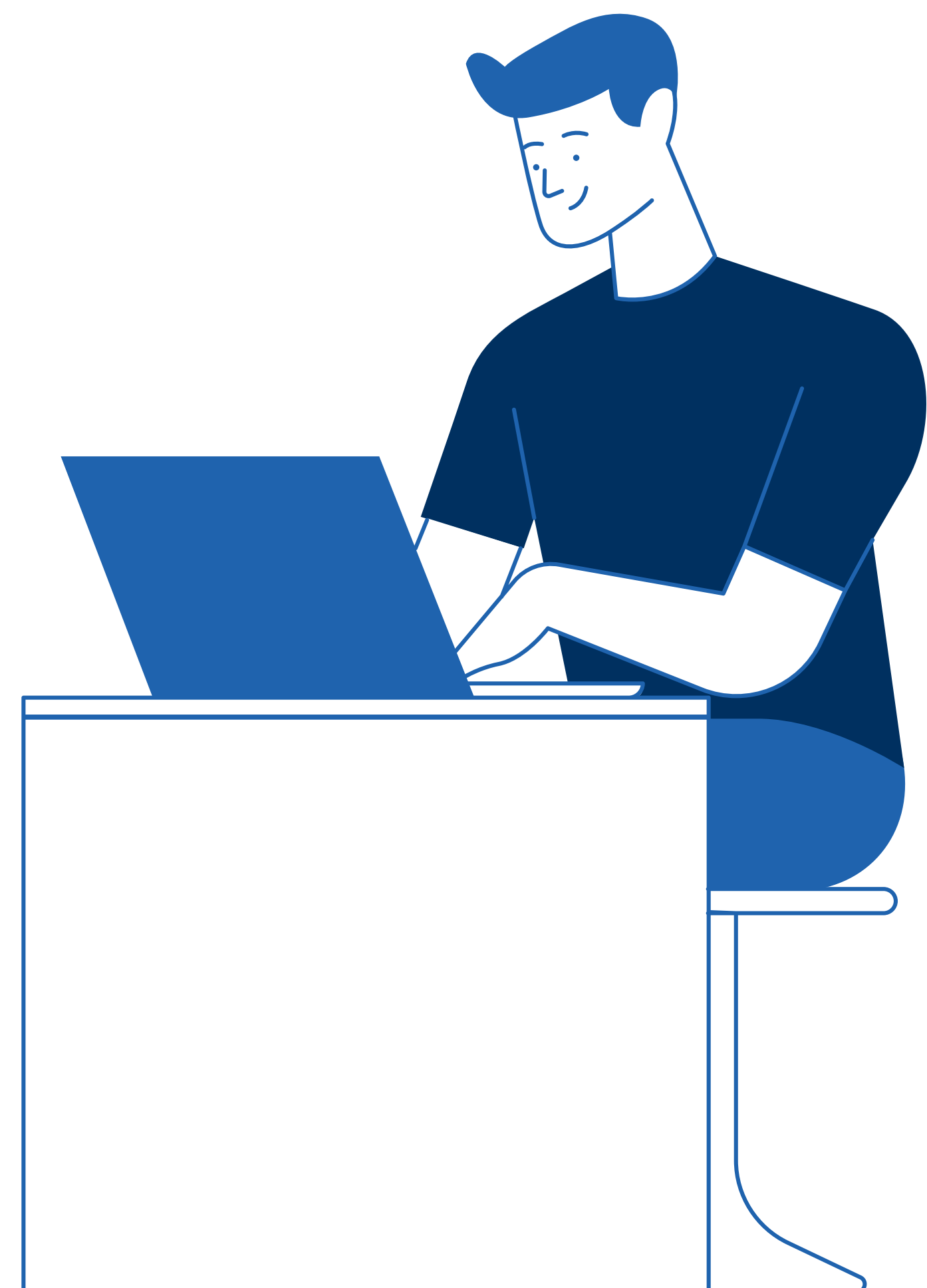
Float and Clear

- Floating elements.
- Clearing floated elements.
- Creating columns with floats.

DAY 08

Box Sizing and Flexbox

- Box-sizing property.
- Introduction to CSS Flexbox.
- Creating flexible layouts



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DAY 09

CSS Grid Layout

- Grid layout fundamentals.
- Defining grid containers and items.
- Grid template areas.



DAY 10

Responsive Design

- Media queries.
- Fluid layouts.
- Building responsive web pages.



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DAY 11

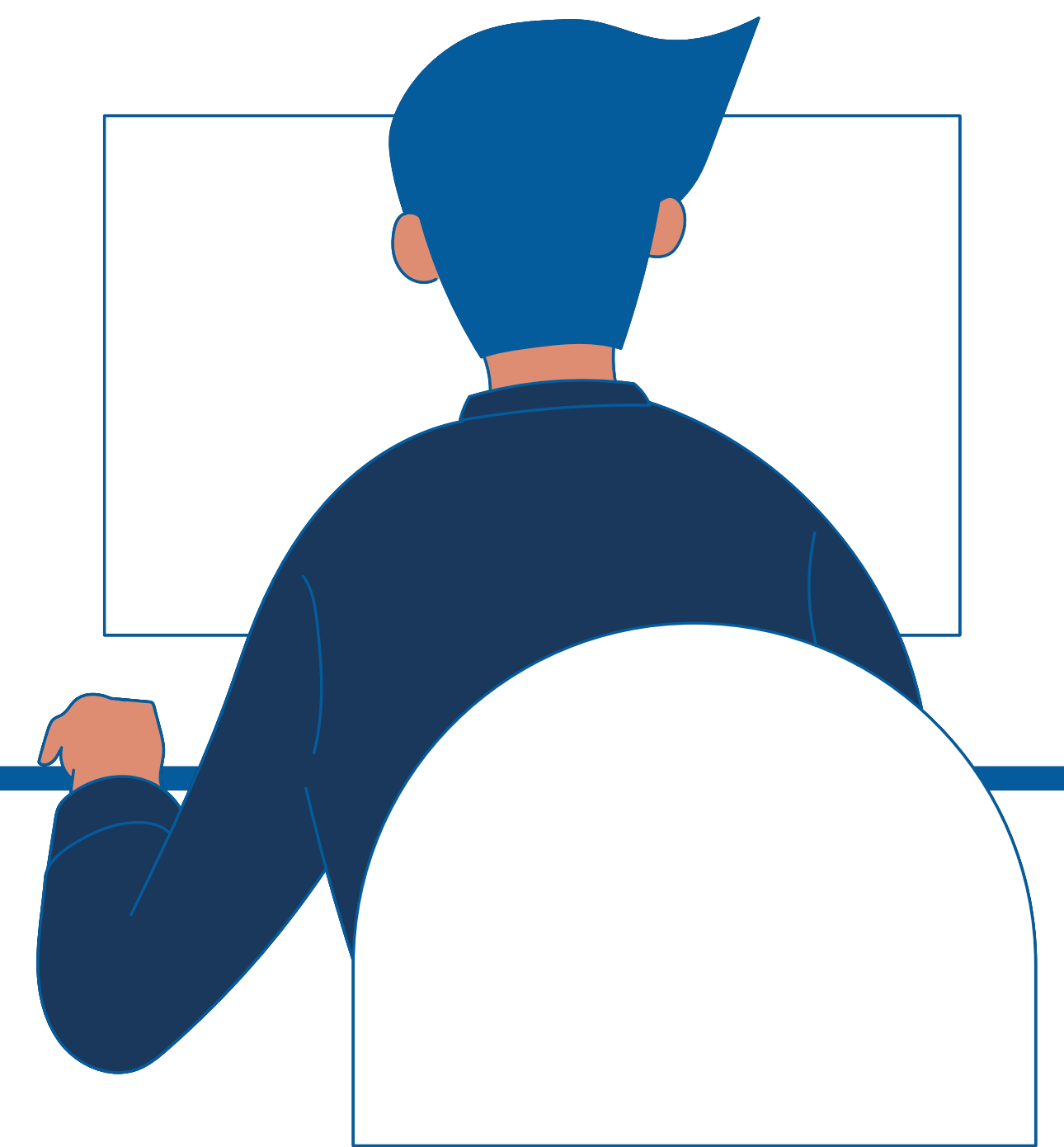
CSS Transitions

- Introduction to CSS transitions.
- Transition properties (transition-property, transition-duration, etc.).
- Adding smooth transitions to elements.

DAY 12

CSS Animations

- Keyframes and animation properties.
- Creating simple CSS animations.
- Timing and easing functions.



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DAY 13

Pseudo-classes and Pseudo-elements

- Using pseudo-classes (:hover, :active, :nth-child, etc.).
- Pseudo-elements (::before, ::after, etc.).
- Practical applications.



DAY 14

CSS Preprocessors (e.g., SASS)

- Introduction to CSS preprocessors.
- Variables, nesting, and mixins.
- Compiling SASS into CSS.



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CSS Frameworks (e.g., Bootstrap)

- Overview of CSS frameworks.
- Bootstrap framework basics.
- Building responsive web designs with Bootstrap.



DAY 16

CSS Performance

- Minification and compression.
- Reducing HTTP requests.
- Critical CSS.



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DAY 17

Debugging CSS

- Using browser developer tools.
- Common debugging techniques.



DAY 18

CSS Architecture and Naming Conventions

- BEM (Block, Element, Modifier) methodology.
- Writing maintainable and scalable CSS.



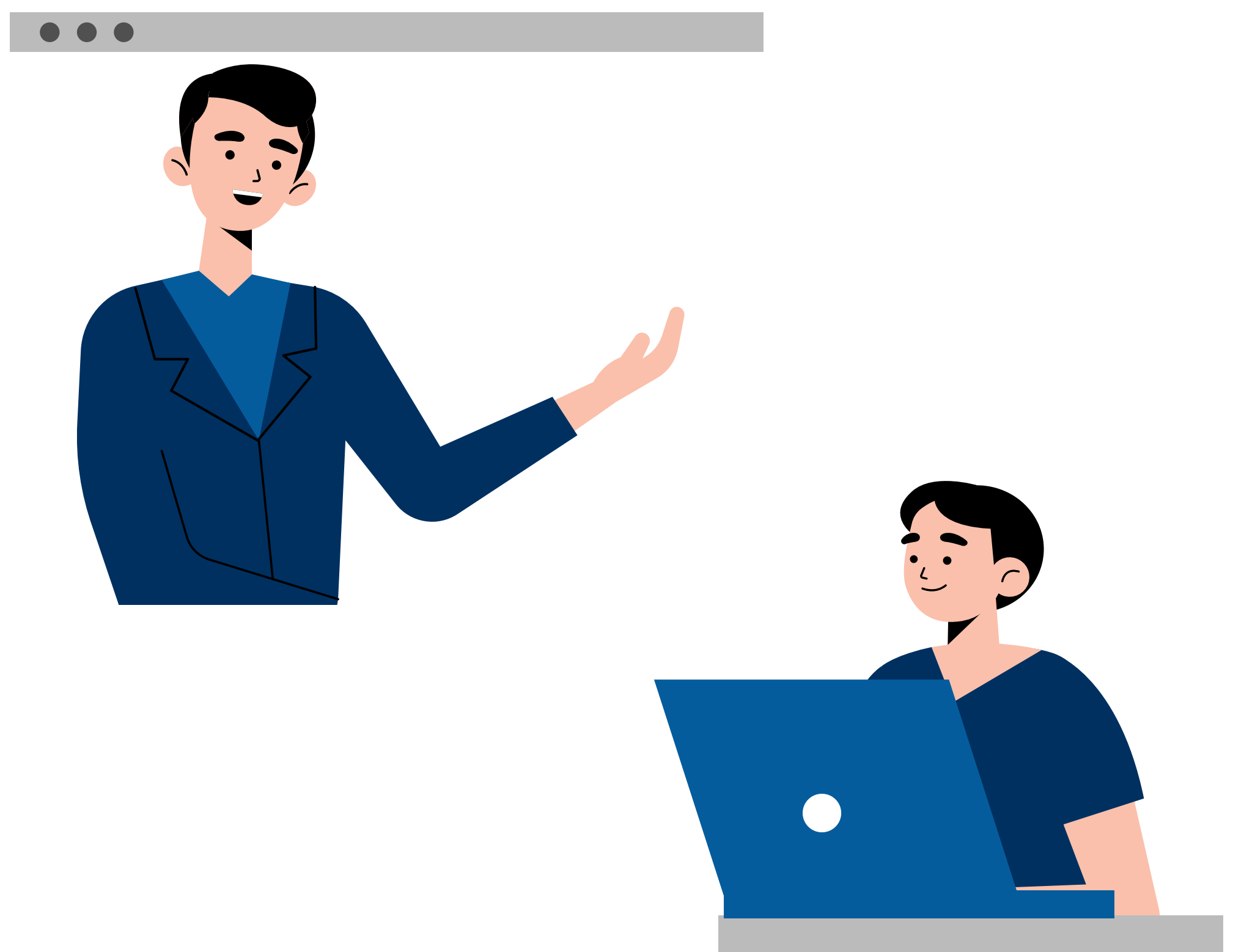
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DAY 19

CSS3 Features

- CSS3 transitions, transforms, and gradients.
- Custom properties (CSS variables).
- CSS filters and blending.



DAY 20

Project and Recap

- Apply your knowledge by working on a CSS project.
- Recap of the course content.
- Q&A and further resources.



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