LESSON 6

index.html

```
*, *::before, *::after {
  box-sizing: border-box;
}
```

</>

The Box Model

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HTML & CSS

LESSON 6

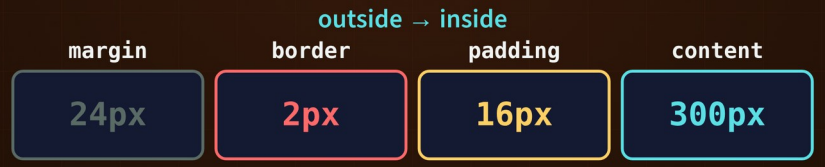
The Box Model and Typography

margin, border, padding, box-sizing, display, fonts and text styling

The Box Model

index.html

```
.card {
  margin: 24px; border: 2px solid;
  padding: 16px; width: 300px; }
```



- Every element is a rectangle made of four layers: the content, padding around it, a border, …
- Open DevTools and hover over any element to see its box drawn in color.

01

box-sizing: border-box

style.css

```css
*, *::before, *::after {
  box-sizing: border-box;
}

.card {
  width: 300px;
  padding: 16px;
  border: 2px solid;
  /* total width: exactly 300px */
}
```

- By default, width sets only the content, so padding and border make the box bigger than you …
- Almost every project starts with this rule for all elements.

02

Margin and Padding Shorthand

style.css

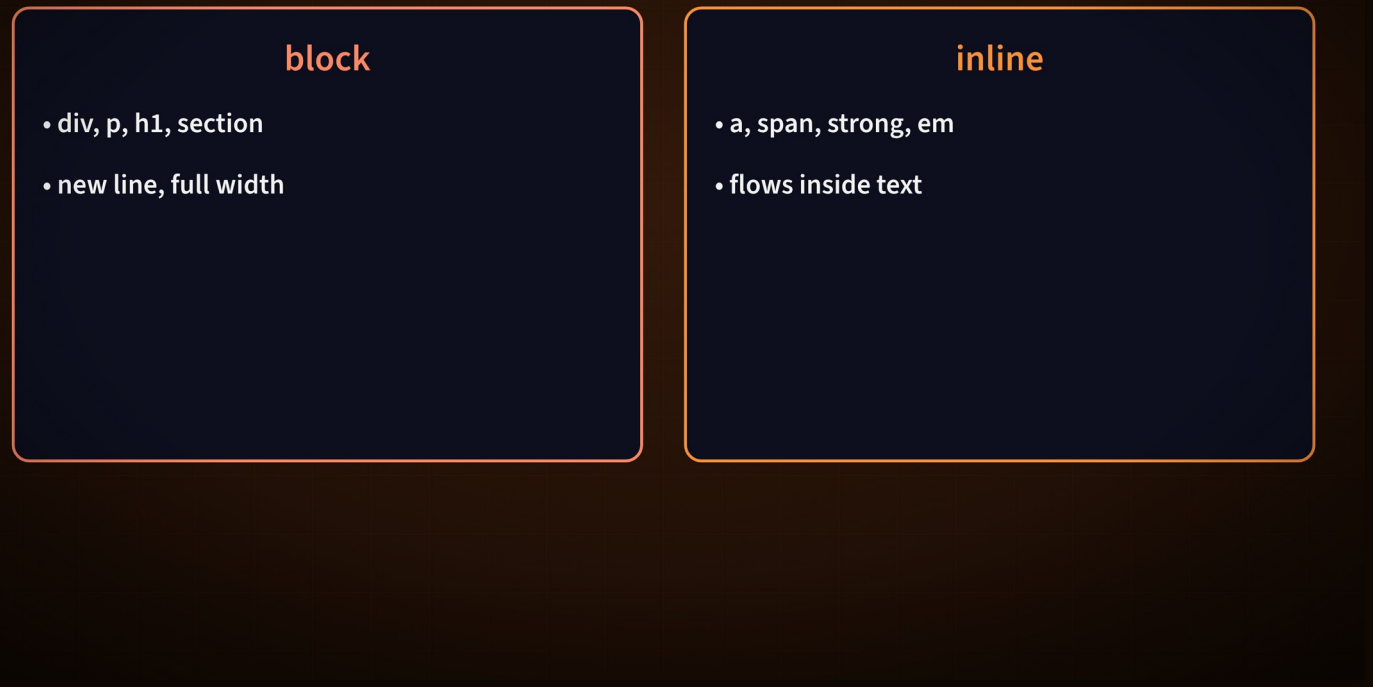
```css
padding: 16px;                  /* all sides */
padding: 8px 16px;              /* top/bottom  left/right */
margin: 0 auto;                 /* center a block */
margin: 10px 20px 30px 40px;    /* top right bottom left */

margin-inline-start: 1rem;      /* left in English, right in Dari */
padding-block: 2rem;            /* top and bottom */
```

- One value sets all four sides. Two values set top and bottom, then left and right. Four …
- margin auto on left and right centers a block. Logical properties like margin-inline work …

03

display: block, inline and inline-block



- Block elements, like div, p and h1, start on a new line and take the full width. Inline …
- inline-block flows like text but accepts width and padding. display none removes an element …

04

Typography

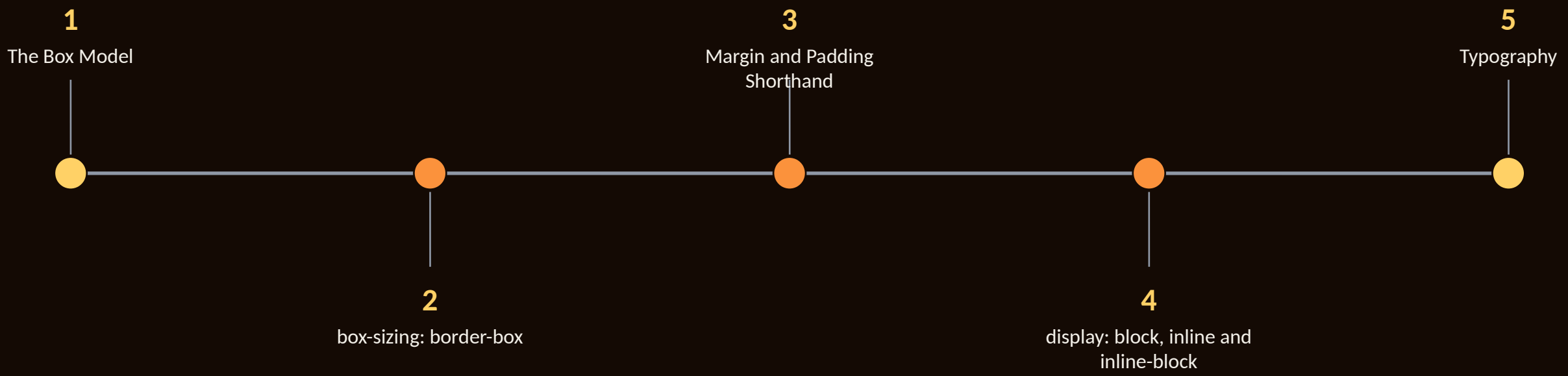
style.css

```
/* <link href="https://fonts.googleapis.com/css2?family=Vazirmatn:wght@400;700&display=swap" rel="stylesheet"> */
body {
  font-family: "Vazirmatn", system-ui, sans-serif;
  font-size: 1.125rem;
  line-height: 1.7;
}
h1 { font-size: 2.5rem; font-weight: 700; letter-spacing: -0.02em; }
article { max-width: 68ch; margin-inline: auto; }
```

- Load a web font from Google Fonts, like Inter for English or Vazirmatn for Dari. Set …
- Keep lines around 60 to 75 characters wide with max-width in ch units, so text is …

05

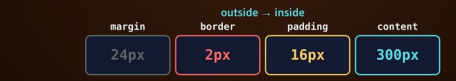
Lesson Map


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Margin and Padding Shorthand
4
display: block, inline and inline-block
5
Typography

Sources and Further Reading

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Thank you for watching

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