This CSS code is part of a **template style sheet** and defines the visual appearance and layout of various elements on a website. Here's a breakdown of key sections:

**1. CSS Variables**

css

Copy code

:root {

--primary: #06BBCC;

--light: #F0FBFC;

--dark: #181d38;

}

These define the main colors used throughout the site (--primary for accent, --light for backgrounds, and --dark for text or backgrounds). They make it easier to reuse the same color in different parts of the site.

**2. Font Weights**

css

Copy code

.fw-medium { font-weight: 600 !important; }

.fw-semi-bold { font-weight: 700 !important; }

These classes are used to set specific font weights (medium and semi-bold) for text elements when applied.

**3. Back-to-Top Button**

css

Copy code

.back-to-top {

position: fixed;

display: none;

right: 45px;

bottom: 45px;

z-index: 99;

}

This defines a button that allows users to scroll back to the top of the page. It's hidden by default (display: none) but will be shown when appropriate (likely through JavaScript).

**4. Spinner**

css

Copy code

#spinner {

opacity: 0;

visibility: hidden;

transition: opacity .5s ease-out, visibility 0s linear .5s;

z-index: 99999;

}

#spinner.show {

transition: opacity .5s ease-out, visibility 0s linear 0s;

visibility: visible;

opacity: 1;

}

The spinner is a loading animation. Initially, it's hidden (opacity: 0; visibility: hidden). When the .show class is added, it becomes visible with a fade-in effect.

**5. Button Styles**

css

Copy code

.btn { font-family: 'Nunito', sans-serif; font-weight: 600; transition: .5s; }

.btn.btn-primary, .btn.btn-secondary { color: #FFFFFF; }

Buttons are styled with a specific font (Nunito) and transition effects when hovered or clicked. The .btn-primary and .btn-secondary classes ensure that the text color is white.

The .btn-square, .btn-sm-square, .btn-lg-square classes define buttons with specific square dimensions (small, medium, and large).

**6. Navbar (Navigation Bar)**

css

Copy code

.navbar-light .navbar-nav .nav-link {

margin-right: 30px;

padding: 25px 0;

color: #FFFFFF;

font-size: 15px;

text-transform: uppercase;

}

This styles the navigation bar's links. The links are given space (margin-right), padding, and a white color. When hovered, the link changes color to the --primary color.

The responsive media queries change the layout of the navigation bar on smaller screens.

**7. Header Carousel**

css

Copy code

.header-carousel .owl-nav { ... }

.header-carousel .owl-prev:hover, .header-carousel .owl-next:hover { ... }

This styles the header carousel (likely an image slider). Navigation buttons (.owl-prev, .owl-next) have a hover effect that changes their background and border color to the primary theme color.

**8. Section Title**

css

Copy code

.section-title {

position: relative;

display: inline-block;

text-transform: uppercase;

}

This defines a consistent style for section titles on the page, with an emphasis on uppercase letters. Decorative lines (::before, ::after) are added above and below the title using the primary color.

**9. Video Container**

css

Copy code

.video-container {

position: relative;

width: 100%;

padding-bottom: 56.25%; /\* 16:9 Aspect Ratio \*/

height: 0;

overflow: hidden;

}

This ensures that embedded videos maintain a 16:9 aspect ratio. The iframe inside is positioned to cover the entire width and height of its container.

**10. Service, Categories, and Courses**

css

Copy code

.service-item { background: var(--light); transition: .5s; }

.service-item:hover { margin-top: -10px; background: var(--primary); }

The .service-item class defines a block for services, which changes appearance on hover. Similarly, .category and .course-item have hover effects that scale up the images.

**11. Team and Testimonials**

css

Copy code

.team-item:hover img { transform: scale(1.1); }

This applies a zoom effect to team images on hover.

In the testimonial section, the gradients and hover effects create a smooth transition in text appearance.

**12. Footer**

css

Copy code

.footer .btn.btn-social { ... }

.footer .btn.btn-link { ... }

.footer .copyright { ... }

Social media buttons in the footer have a circular shape with a border. Footer links use Font Awesome icons and change appearance on hover. The copyright section is styled with padding and a border.

**Conclusion**

This template CSS provides a **responsive, modern design** for different sections of a website, including buttons, navigation, header carousels, sections, services, and footer. It's designed to make the site visually appealing with smooth transitions and hover effects while ensuring a consistent look and feel throughout.