WEB-BASED INTERFACE DESIGN

(CSF3133)

LAB REPORT 4

NAME : PUTERI IREENE HAZWANI BINTI MUHAMAD HAIZAR
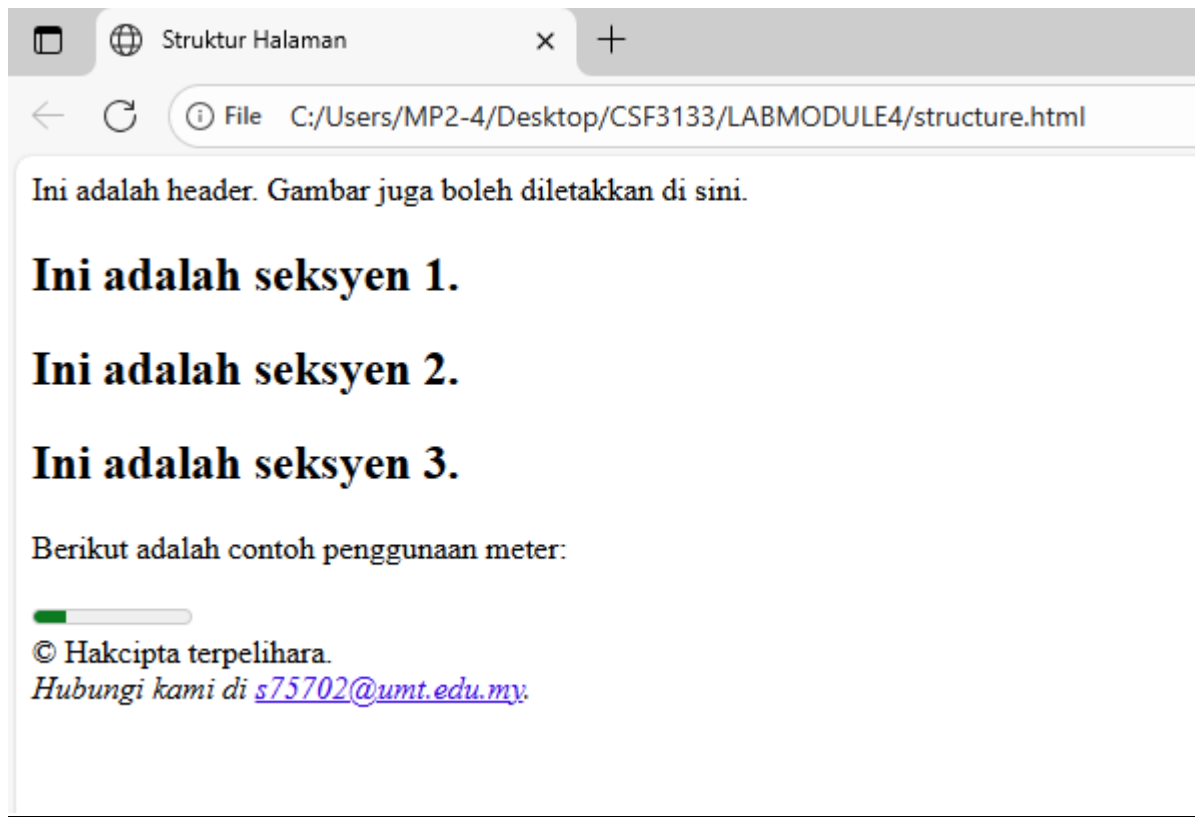
NO.MATRIC : S75702

GROUP : K4

PROGRAMME : BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING) WITH HONOURS

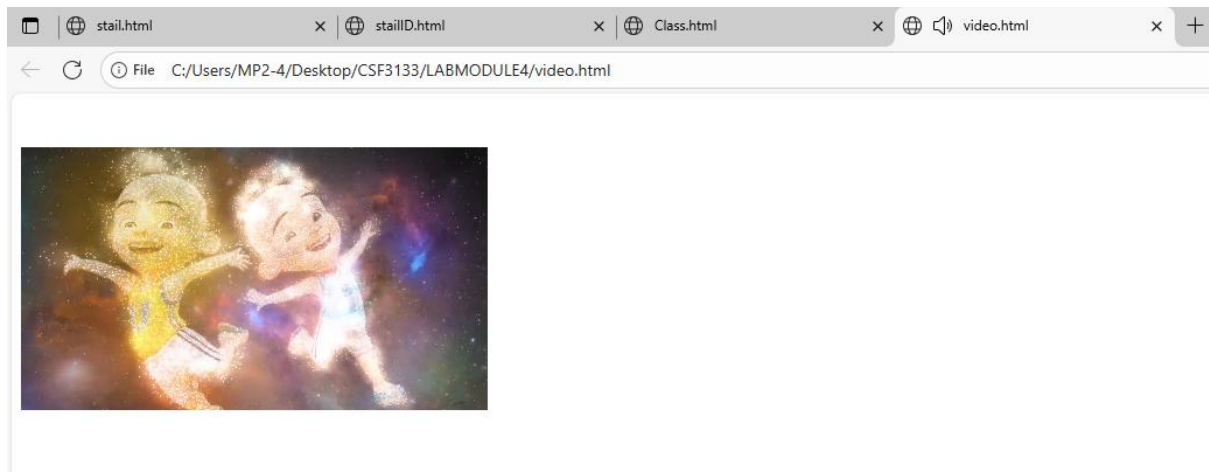LECTURER'S NAME : ASSOC. PROF. TS. DR. WAN NURAL JAWAHIR

LAB MODERATOR'S NAME : MADAM WAN FATIN FATIHAH BINTI YAHYA
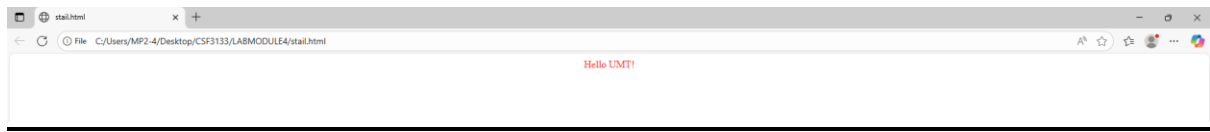
DATE : 12 NOVEMBER 2025

4.2 PAGE STRUCTURE ELEMENTS

Ini adalah header. Gambar juga boleh diletakkan di sini.

Ini adalah seksyen 1.

Ini adalah seksyen 2.

Ini adalah seksyen 3.

Berikut adalah contoh penggunaan meter:

© Hakcipta terpelihara.
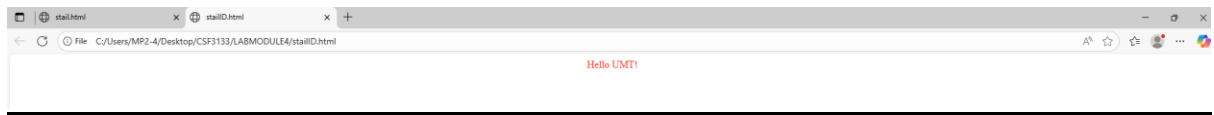*Hubungi kami di s75702@umt.edu.my.*
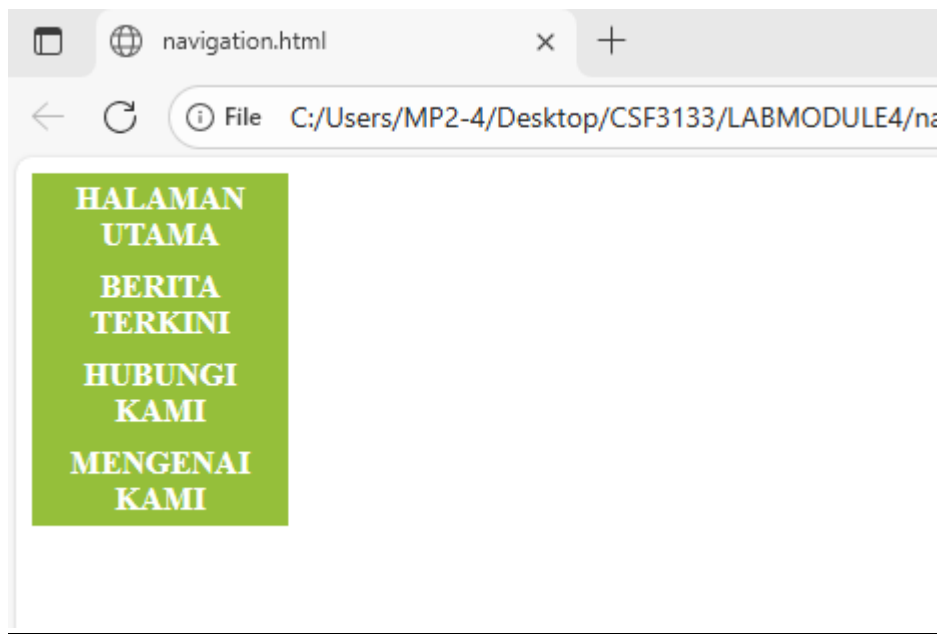
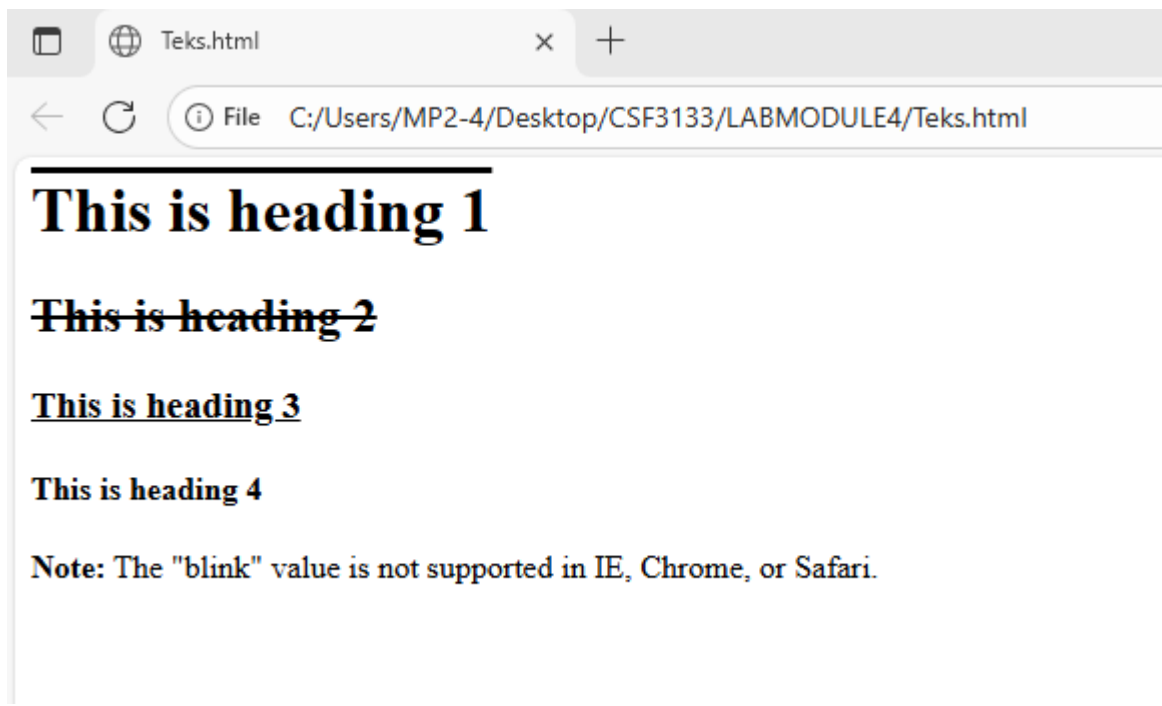## 4.3 INSERT VIDEO INTO HTML5 DOCUMENT

4.4 CASCADING STYLE SHEETS

Hello UMT!

4.5 RECODNIZE ID AND SELECTOR CLASS

4.6 NAVIGATION BAR USING CSS

4.7 RECOGNIZING TEXT DECORATION

This is heading 1

~~This is heading 2~~

<u>This is heading 3</u>

This is heading 4

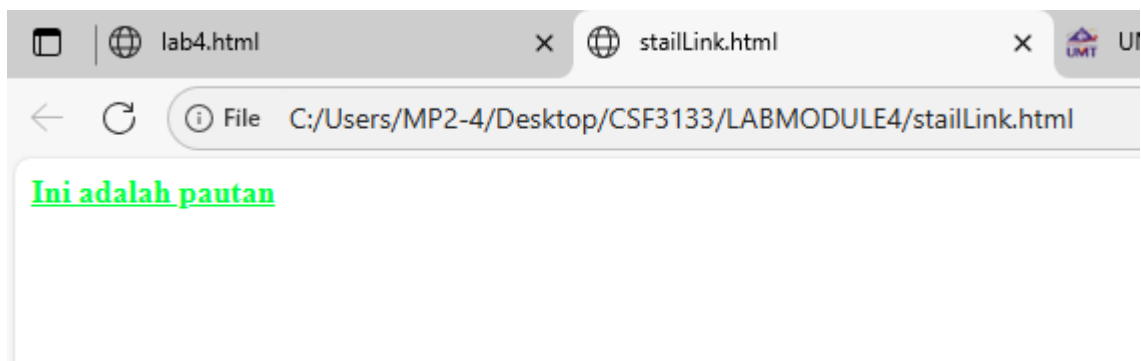**Note:** The "blink" value is not supported in IE, Chrome, or Safari.

4.8 RECODNIZING STYLING LINKS

UNVISITED LINK
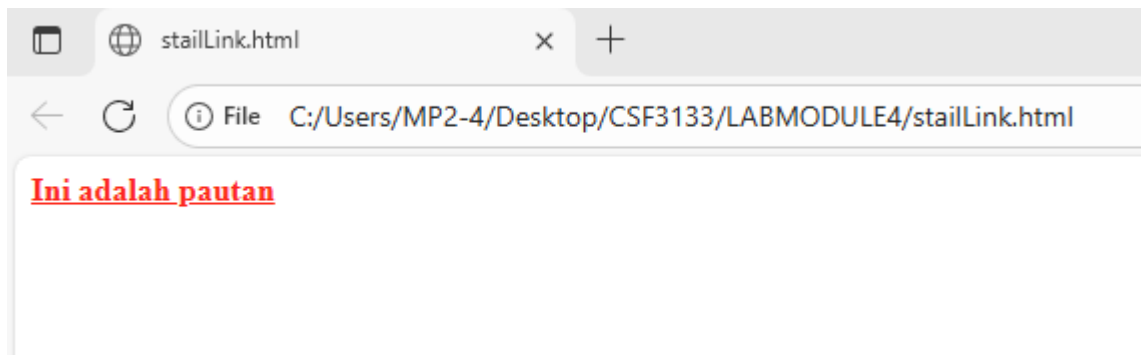
VISITED LINK

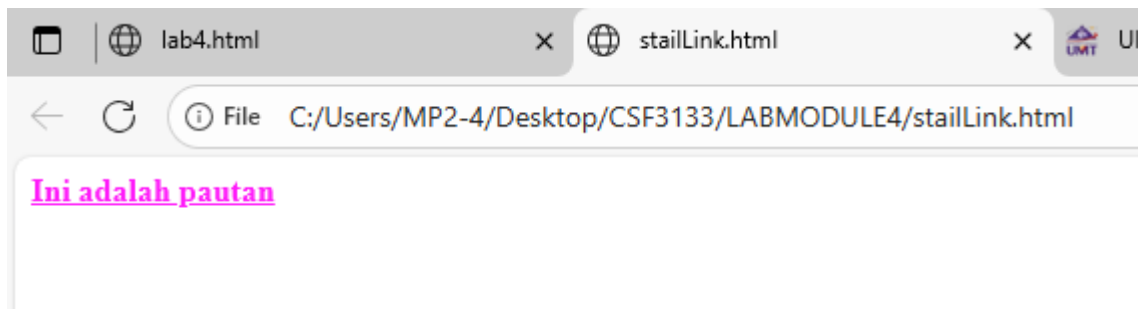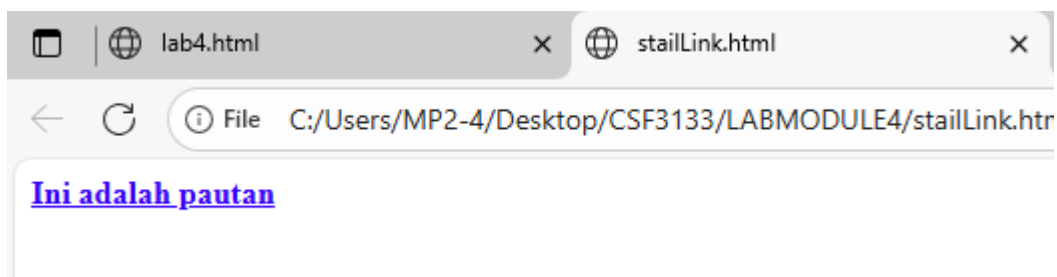### MOUSE OVER LINK

SELECTED LINK

4.9 LAB EXERCISE

```html
<!DOCTYPE html>
<html lang="ms">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>lab4.html</title>

<!-- Link ke External CSS -->
<link rel="stylesheet" href="Style.css">

<!-- Internal CSS -->
<style>
/* Internal CSS */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  background-color: #f0f8ff;
}

/* Header */
header {
  background-color: #4CAF50;
  color: white;
  padding: 15px;
  text-align: center;
}

/* Navigation */
nav ul {
  list-style-type: none;
  margin: 0;
  padding: 0;
  overflow: hidden;
}
nav li {
  float: left;
}

/* Main sections */
section {
  padding: 20px;
}
```

```
/* Footer */
footer {
  text-align: center;
  padding: 10px;
  margin-top: 20px;
  background-color: #333;
  color: white;
}
</style>
</head>

<body>

<header>
  <h1>Welcome to UMT's Website</h1>
</header>

<nav>
  <ul>
    <li><a href="#home">Main</a></li>
    <li><a href="#video">Video</a></li>
    <li><a href="#form">Form</a></li>
    <li><a href="#about">About</a></li>
  </ul>
</nav>

<section id="home">
  <h2>The Main Part</h2>
  <p>Lab Exercise 4.</p>
</section>

<section id="video">
  <h2>Video</h2>
  <video width="400" height="300" controls>
    <source src="umt.mp4" type="video/mp4">
    Pelayar anda tidak menyokong video.
  </video>
</section>
```

```html
<section id="form">
  <h2>Information Form</h2>
  <form>
    <label>Name:</label>
    <input type="text" name="nama" required>

    <label>Email:</label>
    <input type="email" name="email" required>

    <label>Gender:</label>
    <input type="radio" name="gender" value="Male"> Male
    <input type="radio" name="gender" value="Female"> Female

    <label>Hobby:</label>
    <input type="checkbox" name="hobby" value="Reading"> Reading
    <input type="checkbox" name="hobby" value="Painting"> Painting
    <input type="checkbox" name="hobby" value="Swimming"> Swimming

    <input type="submit" value="Send">
  </form>
</section>

<footer>
  <p>&copy; 2025 Hakcipta Terpelihara | UMT</p>
  <address>Hubungi kami di <a href="mailto:s75702@umt.edu.my">s75702@umt.edu.my</a></address>
</footer>

</body>
</html>
```

```css
/* External CSS - style.css */

/* Navigation link styling */
nav a {
  display: block;
  color: white;
  text-align: center;
  padding: 10px 16px;
  text-decoration: none;
  text-transform: uppercase;
  font-weight: bold;
  background-color: #98bf21;
}
nav a:hover {
  background-color: #7A991A;
}

/* Headings */
h1 { text-decoration: overline; }
h2 { text-decoration: underline; color: #4CAF50; }
h3 { text-decoration: line-through; color: #0077cc; }

/* Video */
video {
  display: block;
  margin: 10px auto;
  border: 3px solid #4CAF50;
  border-radius: 8px;
}
```
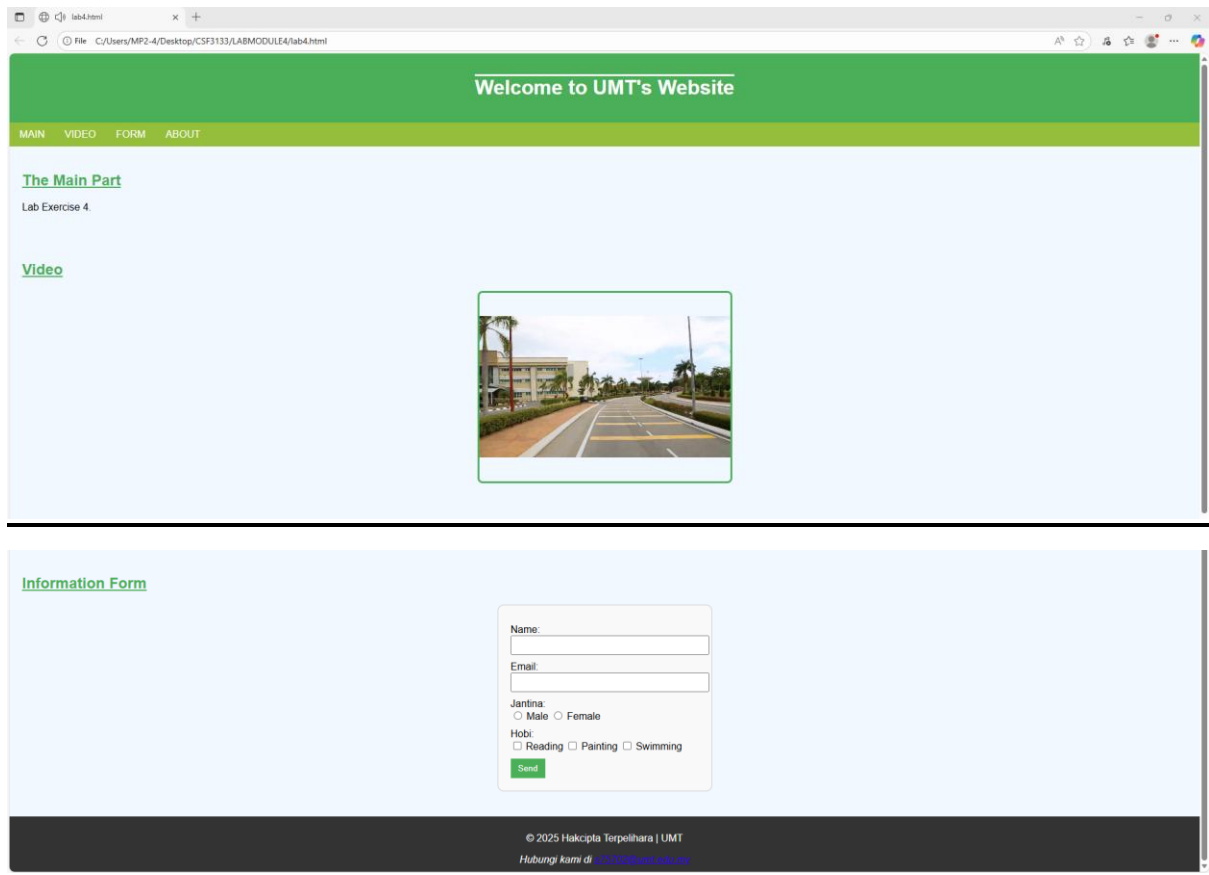
```css
/* Form styling */
form {
  background-color: #f9f9f9;
  padding: 20px;
  border-radius: 10px;
  width: 300px;
  margin: auto;
  border: 1px solid #ccc;
}
label {
  display: block;
  margin-top: 10px;
}
input[type=text], input[type=email] {
  width: 100%;
  padding: 6px;
}
input[type=submit] {
  background-color: #4CAF50;
  color: white;
  border: none;
  padding: 8px 12px;
  margin-top: 10px;
  cursor: pointer;
}
input[type=submit]:hover {
  background-color: #45a049;
}

/* Link states */
a:link { color:#FF0000; }        /* unvisited */
a:visited { color: #00AA00; }    /* visited */
a:hover { color: #FF00FF; }      /* hover */
a:active { color:#0000FF; }      /* active */

/* Responsive design */
@media (max-width: 600px) {
  nav ul li {
    float: none;
    text-align: center;
  }
  form, video {
    width: 90%;
  }
}
```

Welcome to UMT's Website

MAIN VIDEO FORM ABOUT

The Main Part

Lab Exercise 4.

Video

Information Form

Name:

Email:

Jantina:
○ Male ○ Female

Hobi:
☐ Reading ☐ Painting ☐ Swimming

Send

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Hubungi kami di

MAIN VIDEO FORM ABOUT **UNVISITED**

MAIN VIDEO FORM ABOUT **VISITED**

MAIN VIDEO FORM ABOUT **MOUSE OVER LINK**

MAIN VIDEO FORM ABOUT **ACTIVE**