Context: You are an accessibility expert reviewing HTML for accessibility issues. Analyze the following code in the context of WCAG (Web Content Accessibility Guidelines) 2.2, listing any issues that may violate these guidelines. You will only be analyzing the HTML, ignoring any included or missing styles and scripts.

Code:

```<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="styles.css">

<title>Your Bank</title>

</head>

<body dir="ltr">

<style>body {

font-family: 'Arial', sans-serif;

margin: 0;

padding: 0;

unicode-bidi: embed;

}

header {

background-color: #333;

color: white;

padding: 1em;

display: flex;

justify-content: space-between;

align-items: center;

}

nav ul {

list-style-type: none;

display: flex;

}

nav a {

text-decoration: none;

color: white;

margin: 0 1em;

}

.hero {

text-align: center;

padding: 3em;

background-image: url('background.jpg');

background-size: cover;

color: white;

}

button {

padding: 1em 2em;

font-size: 1em;

cursor: pointer;

}

.video-section {

text-align: center;

padding: 2em;

}

.about {

padding: 3em;

}

.contact {

background-color: #f2f2f2;

padding: 3em;

}

form {

display: grid;

gap: 1em;

}

footer {

background-color: #333;

color: white;

text-align: center;

padding: 1em;

}

</style>

<header>

<div class="logo">Your Bank</div>

<nav>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">Accounts</a></li>

<li><a href="#">Services</li>

<li><a href="#">Contact Us</a></li>

</ul>

</nav>

</header>

<section class="hero">

<h1 style="color: #ffffff; background-color: rgba(0, 0, 0, 0.7); padding: 10px;">

Welcome to Your Bank

</h1>

<p style="color: #ffffff; background-color: rgba(0,0,0,0.7); padding: 10px">

Your Trusted Financial Partner

</p>

<button onclick="playVideo()" style="background-color: #2E7D32; color: #FFFFFF;"></button>

</section>

<section class="video-section">

<video controls>

<source src="bank\_video.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

</section>

<section class="about">

<h2>About Us</h2>

<p><i>Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...</i></p>

</section>

<section class="contact">

<h2>Contact Us</h2>

<form action="contact.php" method="post">

<label for="username">Username:</label><br>

<input type="text" id="username" name="username"><br>

<input type="password" id="pwd" name="pwd">

<input type="radio" id="1" name="fav\_number" value="1">

<label for="1"></label><br>

<input type="radio" id="2" name="fav\_number" value="2">

<label for="2">2</label><br>

<input type="radio" id="3" name="fav\_number" value="3">

<label for="3">3</label>

<input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">

<label for="vehicle1"> I have a bike</label><br>

<input type="checkbox" id="vehicle2" name="vehicle2" value="Car">

<label for="vehicle2"> I have a car</label><br>

<input type="checkbox" id="vehicle3" name="vehicle3" value="Boat">

<label for="vehicle3"> I have a boat</label>

<label for="myfile">Select a file:</label>

<input type="file" id="myfile" name="myfile">

<button type="submit">Submit</button>

</form>

</section>

<footer>

<p>&copy; 2023 Your Bank. All Rights Reserved.</p>

</footer>

<script>

function playVideo() {

var video = document.querySelector('video');

video.play();

}

</script>

</body>

</html>

```

Response format:

Snippet with error: …

Location of error: …

WCAG Guideline violated: …

Detection Algorithm: …

Explanation of Error: …

Here are some potential issues with this code based on WCAG 2.2 guidelines:

Snippet with error: Header  
Location of error: Navigation links  
WCAG Guideline violated: 1.3.1 Info and Relationships  
Detection Algorithm: Missing text alternatives for non-text content  
Explanation of Error: The navigation links do not have discernible text, they only contain hash symbols, which provide no information to users of assistive technologies like screen readers.

Snippet with error: Hero section  
Location of error: Button  
WCAG Guideline violated: 2.4.4 Link Purpose (In Context)  
Detection Algorithm: Empty button element  
Explanation of Error: The button element in the hero section is empty and provides no indication of its purpose to users.

Snippet with error: Radio inputs  
Location of error: Radio inputs  
WCAG Guideline violated: 1.3.1 Info and Relationships  
Detection Algorithm: Missing labels  
Explanation of Error: The radio inputs are missing labels, so there is no text associated with each option to identify them to assistive technologies.

Snippet with error: Contact form  
Location of error: File input  
WCAG Guideline violated: 1.1.1 Non-text Content  
Detection Algorithm: Missing text alternative  
Explanation of Error: The file input is missing a text alternative to identify its purpose to users of assistive technologies.

Let me know if any part of the explanation requires more clarification or if you have additional questions!