Converted Markdown

Comprehensive HTML Test Document

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Purpose: Test all HTML elements for conversion quality

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1. Heading Hierarchy

Heading Level 1

Heading Level 2

Heading Level 3

Heading Level 4

Heading Level 5

Heading Level 6

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2. Text Formatting

This is a *bold text* and this is *also bold*.

This is ***italic text*** and this is ***also italic***.

This is *bold and italic*** combined.

This is ~~deleted text~~ and this is ~~strikethrough~~.

This is inserted text and this is underlined.

This is highlighted text using the mark element.

This is small text and this is superscript and subscript.

This is `inline code` within a sentence.

This is HTML abbreviation with tooltip.

This is a short inline quotation element.

>

>

> *This is a block quotation that can span multiple lines. It's typically used for longer quotes and provides proper semantic meaning. — Famous Author*

This is a block quotation that can span multiple lines. It's typically used for longer quotes and provides proper semantic meaning.

— Famous Author

Mathematical formula: $E = mc^2$

Chemical formula: H_2O

3. Lists

3.1 Unordered List

- First item
- Second item
- Third item with nested list: Nested item 1 Nested item 2 Deep nested: Level 3 item
- Fourth item
- Nested item 1
- Nested item 2
- Deep nested: Level 3 item
- Level 3 item

3.2 Ordered List

1. First step
2. Second step
3. Third step with nested: Sub-step A Sub-step B Sub-step C
4. Fourth step
1. Sub-step A
2. Sub-step B
3. Sub-step C

3.3 Description List

HTML\

HyperText Markup Language - the standard markup language for web pages\

Cascading Style Sheets - used for styling HTML documents\

JavaScript\

A programming language that enables interactive web pages

4. Tables

4.1 Simple Table

Name	Age	City	Occupation
Alice Johnson	28	New York	Software Engineer
Bob Smith	34	London	Data Scientist
Charlie Brown	45	Tokyo	Product Manager

4.2 Complex Table with Colspan and Rowspan

Quarterly Sales Report	Region	Quarter 1	Total	
Jan	Feb	Mar		
North	$10,000	$12,000	$15,000	$37,000
South	$8,000	$9,500	$11,000	$28,500
East	$12,000	$14,000	$13,500	$39,500
Total	$30,000	$35,500	$39,500	$105,000
—	—	—	—	—

5. Code Blocks

5.1 Inline Code

Use the print() function to display output in Python.

In JavaScript, use console.log() for debugging.

5.2 Preformatted Code Block

```
def calculate_fibonacci(n): """ Calculate the nth Fibonacci number Args: n (int):
Position in sequence Returns: int: Fibonacci number """ if n <= 1: return n else:
return calculate_fibonacci(n-1) + calculate_fibonacci(n-2) # Test for i in
range(10): print(f"F({i}) = {calculate_fibonacci(i)}")
```

5.3 SQL Query Example

```
SELECT customers.name, COUNT(orders.id) as total_orders, SUM(orders.amount) as
total_spent FROM customers LEFT JOIN orders ON customers.id = orders.customer_id
WHERE orders.order_date >= '2024-01-01' GROUP BY customers.name HAVING total_orders
> 5 ORDER BY total_spent DESC LIMIT 10;
```

6. Media Elements

6.1 Images

Figure 1: This is a sample image with caption

6.2 Links

Visit Google for search.

Internal link: Jump to Headings section

Email link: example@email.com

6.3 Embedded Content

Video and audio elements would go here (not included to keep file size small).

7. Form Elements

User Information

Name:

Email:

Age:

Country:

Select a country\

United States\

United Kingdom\

Canada\

Australia

Male\

Female\

Other

Coding\

Reading\

Sports

Message:

Submit\

Reset

---

8. Semantic HTML5 Elements

Article Title

November 10, 2025

This is the article content. Articles are self-contained compositions that could be independently distributed.

Article footer with additional information

Sidebar Information

This is sidebar content that provides supplementary information.

Click to expand details\

This content is hidden by default and can be toggled by clicking the summary.

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9. Special Characters & Entities

< Less than

>

Greater than

Greater than

& Ampersand

" Quote

' Apostrophe

© Copyright

® Registered

™ Trademark

€ Euro

£ Pound

¥ Yen

Document Summary

This comprehensive HTML document includes:

- ✓ All heading levels (h1-h6)
- ✓ Text formatting (bold, italic, underline, strike, etc.)
- ✓ Lists (unordered, ordered, description)
- ✓ Tables (simple and complex with colspan/rowspan)
- ✓ Code blocks (inline and preformatted)
- ✓ Forms (inputs, select, radio, checkbox, textarea)
- ✓ Semantic HTML5 elements (article, aside, details)
- ✓ Special characters and entities

Total: 9 sections covering 60+ HTML elements