


Tables

Why tables ?

- Use the four key elements for creating tables
- Represent complex data using tables
- Add captions to tables

Grids allow us to understand complex data by referencing information on two axes. Each block in the grid is referred to as a **table cell**. In HTML a table is written out row by row






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THOMSON REUTERS/JEFFERIES CRB INDEX(TR/J CRB)

▼ 359.42	Change -3.36	Open 360.92	High 361.19	Low 357.99	Times 04/18 14:58
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Data as of 3:45pm EDT (Delayed at least 20 minutes).

COMMODITY FUTURES

Energy: [Oil](#), [Natural Gas](#), [Electricity](#)

Metals: [Base Metals](#), [Precious Metals](#)

Grains: [Corn/Maize](#), [Wheat](#), [Barley](#), [Rice](#)

Oilseeds: [Soybeans](#), [Rapeseed](#), [Palm Oil](#)

Softs: [Sugar](#), [Coffee](#), [Cocoa](#), [Rubber](#), [Citrus](#), [Cotton](#)

Livestock: [Lean Hogs](#), [Live Cattle](#)

THOMSON REUTERS EQUAL WEIGHT CONTINUOUS COMMODITIES INDEX (CCI)

Position of price in relation to its moving average. This chart is desied to identify cyclical turns. CCI works well in ranging markets and typically fluctuates between + 100 and - 100.

Commodity	Currency	Last	Change	% Change	Trade Date/Time
Hogs, Lean Pit CME Jun11	USD	101.28	+0.20	+0.20%	04/18 14:13
Oil, Heating New York No. 2 NYMEX May11	USD	3.19	-0.04	-1.18%	04/18 15:14
Crude Oil Light Sweet May11	USD	107.21	-2.45	-2.29%	04/18 15:14

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Market Indices

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Enter company name or Symbol **SEARCH**

DOW	12,189.14	▼ -152.69	-1.24%
S&P 500	1,305.75	▼ -13.93	-1.06%
NASDAQ	2,731.64	▼ -33.01	-1.19%
TR US INDEX	119.44	▼ -1.47	-1.22%

Currencies

[» All Currencies](#)

EUR/USD	1.4234	-1.35%
GBP/USD	1.6262	-0.40%
USD/JPY	82.600	-0.63%

Commodities

[» All Commodities](#)

GOLD	1,496.20	+10.20	+0.68%
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Basic Table Structure

```
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>45</td>
  </tr>
  <tr>
    <td>60</td>
    <td>90</td>
    <td>90</td>
  </tr>
</table>
```

RESULT

```
15 15 30
45 60 45
60 90 90
```

<table>

The **<table>** element is used to create a table.

<tr>

You indicate the start of each row using the opening **<tr>** tag.

(The **tr** stands for table row.)

It is followed by one or more **<td>** elements (one for each cell in that row).

<td>

Each cell of a table is represented using a **<td>** element. (The **td** stands for table data.)

Table Headings

```
<table>
  <tr>
    <th></th>
    <th scope="col">Saturday</th>
    <th scope="col">Sunday</th>
  </tr>
  <tr>
    <th scope="row">Tickets sold:</th>
    <td>120</td>
    <td>135</td>
  </tr>
  <tr>
    <th scope="row">Total sales:</th>
    <td>$600</td>
    <td>$675</td>
  </tr>
</table>
```

<th>

The **<th>** element is used just like the **<td>** element but its purpose is to represent the heading for either a column or a row. (The **th** stands for table heading.)

Even if a cell has no content, you should still use a **<td>** or **<th>** element to represent the presence of an empty cell otherwise the table will not render correctly. (The first cell in the first row of this example shows an empty cell.)

RESULT

	Saturday	Sunday
Tickets sold:	120	135
Total sales:	\$600	\$675

Spanning Column

```
<table>
  <tr>
    <th></th>
    <th>9am</th>
    <th>10am</th>
    <th>11am</th>
    <th>12am</th>
  </tr>
  <tr>
    <th>Monday</th>
    <td colspan="2">Geography</td>
    <td>Math</td>
    <td>Art</td>
  </tr>
  <tr>
    <th>Tuesday</th>
    <td colspan="3">Gym</td>
    <td>Home Ec</td>
  </tr>
</table>
```

RESULT

	9am	10am	11am	12am
Monday	Geography		Math	Art
Tuesday	Gym			Home Ec

Spanning Row

```
<table>
  <tr>
    <th></th>
    <th>ABC</th>
    <th>BBC</th>
    <th>CNN</th>
  </tr>
  <tr>
    <th>6pm - 7pm</th>
    <td rowspan="2">Movie</td>
    <td>Comedy</td>
    <td>News</td>
  </tr>
  <tr>
    <th>7pm - 8pm</th>
    <td>Sport</td>
    <td>Current Affairs</td>
  </tr>
</table>
```

RESULT

	ABC	BBC	CNN
6pm - 7pm	Movie	Comedy	News
7pm - 8pm		Sport	Current Affairs

Long Tables

```
<table>
  <thead>
    <tr>
      <th>Date</th>
      <th>Income</th>
      <th>Expenditure</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th>1st January</th>
      <td>250</td>
      <td>36</td>
    </tr>
    <tr>
      <th>2nd January</th>
      <td>285</td>
      <td>48</td>
    </tr>
    <!-- additional rows as above -->
    <tr>
      <th>31st January</th>
      <td>129</td>
      <td>64</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td></td>
      <td>7824</td>
      <td>1241</td>
    </tr>
  </tfoot>
</table>
```

Date	Income	Expenditure
1st January	250	36
2nd January	285	48
3rd January	260	42
4th January	290	38
5th January	310	115
6th January	168	14
7th January	226	20
8th January	253	37
9th January	294	33
10th January	216	46
11th January	244	29
12th January	297	32
13th January	328	86
14th January	215	38
15th January	254	30
16th January	256	27
17th January	311	68
18th January	212	39
19th January	234	36
20th January	221	43
21st January	259	38
22nd January	246	31
23rd January	248	17
24th January	229	45
25th January	263	34
26th January	258	41
27th January	283	22
28th January	256	30
29th January	278	47
30th January	251	15
31st January	129	64
	7824	1241

<thead>

The headings of the table should

sit inside the **<thead>** element.

<tbody>

The body should sit inside the **<tbody>** element.

<tfoot>

The footer belongs inside the **<tfoot>** element.

Exercise

Here's an example of what the table should look like:

Product Name	Price	Description	More Info
Product A	\$10	Lorem ipsum dolor sit amet	[More Info]
Product B	\$15	Consectetur adipiscing elit	[More Info]
Product C	\$20	Sed do eiusmod tempor incididunt	[More Info]

Old code (Width & Spacing)

```
<table width="400" cellpadding="10" cellspacing="5">
  <tr>
    <th width="150"></th>
    <th>Withdrawn</th>
    <th>Credit</th>
    <th width="150">Balance</th>
  </tr>
  <tr>
    <th>January</th>
    <td>250.00</td>
    <td>660.50</td>
    <td>410.50</td>
  </tr>
  <tr>
    <th>February</th>
    <td>135.55</td>
    <td>895.20</td>
    <td>1170.15</td>
  </tr>
</table>
```

RESULT

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15

Old Code: Border & Background

```
<table border="2" bgcolor="#efefef">
  <tr>
    <th width="150"></th>
    <th>Withdrawn</th>
    <th>Credit</th>
    <th width="150" bgcolor="#cccccc">Balance</th>
  </tr>
  <tr>
    <th>January</th>
    <td>250.00</td>
    <td>660.50</td>
    <td bgcolor="#cccccc">410.50</td>
  </tr>
  <tr>
    <th>February</th>
    <td>135.55</td>
    <td>895.20</td>
    <td bgcolor="#cccccc">1170.15</td>
  </tr>
</table>
```

RESULT

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15