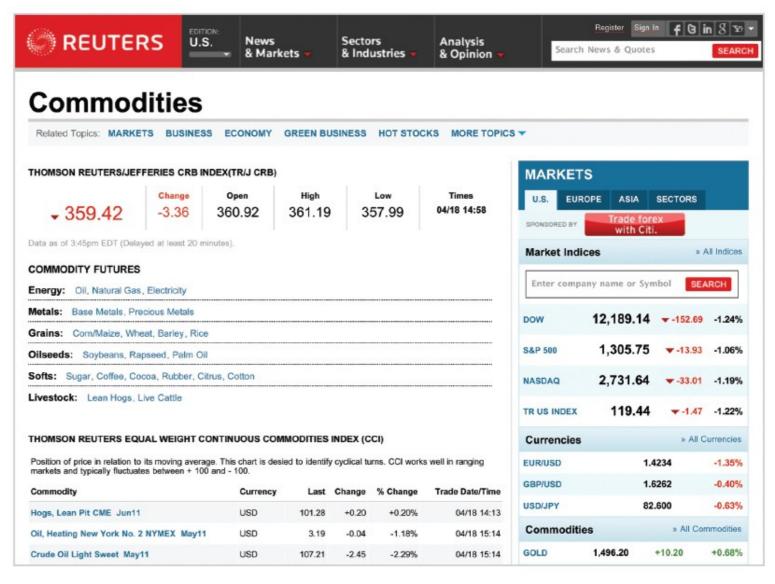
Tables

Why tables?

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

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



Basic Table Structure

```
(tr)
 15
 15
 30
(tr)
 45
 60
 45
(tr)
 60
 90
 90
RESULT
         15 15 30
         45 60 45
         60 90 90
```


The element is used to create a table.



You indicate the start of each row using the opening **>** tag. (The **tr** stands for table row.)

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



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

Table Headings

```
(tr)
 Saturday
 Sunday
(/tr>
(tr)
 Tickets sold:
 120
 135
(tr)
 Total sales:
 $600
 $675
```

RESULT

Saturday Sunday

Tickets sold: 120 135 **Total sales:** \$600 \$675



The **>** element is used just like the **>** 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 or 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.)

Spanning Column

```
(tr>
  9am
  \langle th \rangle 10am \langle /th \rangle
  \langle th \rangle 11am \langle /th \rangle
  >12am
 (tr>
  Monday
  Geography
  Math
  Art
 (tr>
  Tuesday
  Gym
  Home Ec
```

RESULT

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

Spanning Row

```
(tr>
 ABC
 BBC
 CNN
(tr>
 6pm - 7pm
 Movie
 Comedy
 News
(tr>
 7pm - 8pm
 Sport
 Current Affairs
```

RESULT

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

Long Tables

<thead></thead>
Date
Income
Expenditure
1st January
250
36
2nd January
285
48
additional rows as above
31st January
129
64
<tfoot></tfoot>
7824
1241

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.

The body should sit inside the element.

<tfoot>

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

Exercise

From a arrozampio or what the table arroad foot into.

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)

```
(tr>
  \langle th \ width="150" \rangle \langle /th \rangle
  Withdrawn
  Credit
 Balance
(tr>
  January
  250.00
  660.50
  410.50
(/tr>
(tr>
  February
  135.55
  895.20
  1170.15
```

RESULT

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15

Old Code: Border & Background

```
(tr)
 Withdrawn
 Credit
 Balance
(tr>
 January
 250.00
 660.50
 410.50
(tr)
 February
 135.55
 895.20
 1170.15
```

ESULT

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15