FS 102
Virtual Pen, Virtual Paper
Spring 2016
In-Class Exercise:
Tables in Blogger/Blogspot

For this exercise you should use your “practice” blog; later, once you’re sure you understand what you’re doing, you may (if you wish) incorporate tables into your “real” blog.
Go to your “practice blog” and create a new post—name it something like “Table Practice”.

Enter some text at the top of the page, for instance:

When creating tables in your blog entries, the most important thing to remember is: Don’t Panic! If something goes wrong, you can fix it.

Using the “Insert Image” tool, select a URL, for instance:


and insert that image after the text.
When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.
Here's what the HTML looks like:

```
When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.<br />
<a href="http://fireballtim.com/wp-content/uploads/2014/05/Random1.jpg" imageanchor="1"
style="margin-left: 1em; margin-right: 1em;"> <img border="0" src="http://fireballtim.com/wp-
content/uploads/2014/05/Random1.jpg" height="320" width="320" /></a></div>
<br /></div>
<br />
<br />
```

We would like the text to be side-by-side with the image.
Note that Blogger inserts HTML code that forces the image onto a new line. This includes breaks:

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Blogger inserts a break; you can delete it if you want
...and <div>...</div> tags:

Blogger inserts a <div> tag named “separator” whenever you insert an image. You can delete this (don’t forget the matching </div> at the end).
Let's delete these:

We have deleted the "<br />" and "<div class="separator" ...> ... </div>" tags; let's switch back to the "Compose" view.

When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.
...and see what we get:

When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.

Ewwww! It looks awful! We will fix it by creating a table. But Blogger doesn’t have an “insert table” button!
Here's a three-row, two-column table:

<table>
<thead>
<tr>
<th>Hi!</th>
<th>G'day, mate!</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hello!</td>
<td>Ohaiyo gozaimasu!</td>
</tr>
<tr>
<td>Yo!</td>
<td>Hey!</td>
</tr>
</tbody>
</table>

Simplest table—no borders, no headers, just rows and columns:
Here's a three-row, two-column table:

```
<table align="center" bgcolor="pink" border="1">
  <tbody align="center">
    <tr>
      <td>Hi!</td>
      <td>G'day, mate!</td>
    </tr>
    <tr>
      <td bgcolor="lightblue">Hello!</td>
      <td>Ohaiyo gozaimasu!</td>
    </tr>
    <tr>
      <td>Yo!</td>
      <td bgcolor="white">Hey!</td>
    </tr>
  </tbody>
</table>
```

*align="center"* centers the table on the page.
*bgcolor="pink"* sets background color to pink.

When placed in a `<table>` tag, affects whole table. When placed in `<td>` tag, affects one data item.
There’s so much more! Table headers, changing border thickness and border colors, left, right, and centered text, etc., etc.!

I suggest you look at an online tutorial such as this one:


Now, back to the blog …
Let’s make the HTML a bit more readable by inserting some blank lines:

Usually it’s okay to insert spaces in HTML without affecting the appearance. I’ve put in some extra blank lines to more clearly show the parts of the HTML for the text and the linked image. This space won’t appear in the displayed blog entry.

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<a href="http://fireballtim.com/wp-content/uploads/2014/05/Random1.jpg" imageanchor="1" style="margin-left: 1em; margin-right: 1em;">\<img border="0" src="http://fireballtim.com/wp-content/uploads/2014/05/Random1.jpg" height="320" width="320" \></a>

<br />
<div class="separator" style="clear: both; text-align: center;">\<br /></div>
Now add the table HTML. There is just a single row:

```html
<table>
  <tbody>
    <tr>
      <td>
        When creating tables in your blog entries, the most important thing to remember is:
        Don't Panic! If something goes wrong, you can fix it.
      </td>
      <td>
        <a href="http://fireballtim.com/wp-content/uploads/2014/05/Random1.jpg" imageanchor="1" style="margin-left: 1em; margin-right: 1em;">
          <img border="0" src="http://fireballtim.com/wp-content/uploads/2014/05/Random1.jpg" height="320" width="320" /></a>
      </td>
    </tr>
  </tbody>
</table>
```
When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.

The row has two data items; each one is surrounded by the `<td>` and `</td>` tags. Data item one is the text; item two is the link to the image.
When creating tables in your blog entries, the most important thing to remember is: Don't Panic! If something goes wrong, you can fix it.
Exercise (to be completed in class on Friday):

Make sure the address of your “practice blog” is entered in column B of the FS 102 spreadsheet atsheets.google.com

Create a new post with a name like “Table Practice” and construct a table in this entry. The table can be anything you want, but try experimenting with things like borders, colors, contents, etc. For instance, you can have multiple lines in a single table entry:

```
... 
<td> Line 1<br/> Line 2 </td>
```