PET SHOP DAYS

Last week four friends (one who was named Bill) went to shop looking for new pets. Each friend chose a different pet (one was a cat). From the clues provided can you tell which friend bought which pet?

CLUES:

No one bought a pet that began with the first letter of their name.
The woman who bought the snake is not Susan.
Roger is allergic to cats.
Bill did not purchase a dog or a cat.

See page 2 for solution
<table>
<thead>
<tr>
<th>NAME</th>
<th>PET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bill</td>
<td>MONKEY</td>
</tr>
<tr>
<td>Jane</td>
<td>SNAKE</td>
</tr>
<tr>
<td>Roger</td>
<td>DOG</td>
</tr>
<tr>
<td>Susan</td>
<td>CAT</td>
</tr>
</tbody>
</table>

**STEP-by-STEP**

Lets look at the first clue "**No one bought a pet that began with the first letter of their name.**"

Locate *Susan* in the chart and find the columns with *Snake* (as this is the only grid square which satisfies the clue)

Now click the grid square[Susan-Snake] until the 'red xx' appears.

Lets look at the next clue "**The woman who bought the snake is not Susan.**"

A very careful reading of this clue reveals that if there are two women, and we already know Susan did not buy the snake (from the first clue), then *Jane is the only woman left* - so locate the grid square [Jane-Snake] and add a 'check mark'.

(NOTE: This clue now allows us to make some wholesale eliminations of the following grid squares:
[Jane-Cat, Jane-Dog, Jane-Monkey] and [Bill-Snake, Roger-Snake]- all filled with 'red xx' now.)

The next clue is "**Roger is allergic to cats.**"

A pretty straight forward clue, if Roger is 'allergic to cats', it would be logical to assume he would not purchase one as a pet, therefore lets find the grid square[Roger-Cat] and place a 'red xx' there.

Finally lets turn our attention to the last clue: "**Bill did not purchase a dog or a cat.**"

Again a straight forward clue, lets go ahead and eliminate those two grid
squares [Bill-Dog, Bill-Cat].

Well, right away it is clear the only possible remaining pet Bill could have bought is the monkey. (So click on [Bill-Monkey] and fill the square with a 'check mark'.)

This will allow us to now eliminate two additional grid squares ([Roger-Monkey, Susan-Monkey]), and if we have followed our logic correctly, this reveals another singular possible pet selection, namely: Roger-Dog, so that if we select this grid square and make it green, we will then see that the final person-pet combination is 'Susan-Cat'.

One could at this point complete the grid, but since the puzzle is solved, it is not a requirement!

Congratulations! Puzzle solved.

To summarize:

**Bill**: purchased a monkey as a pet.

**Jane**: purchased a Snake as a pet.

**Roger**: purchased a Dog as a pet.

**Susan**: purchased a Cat as a pet.