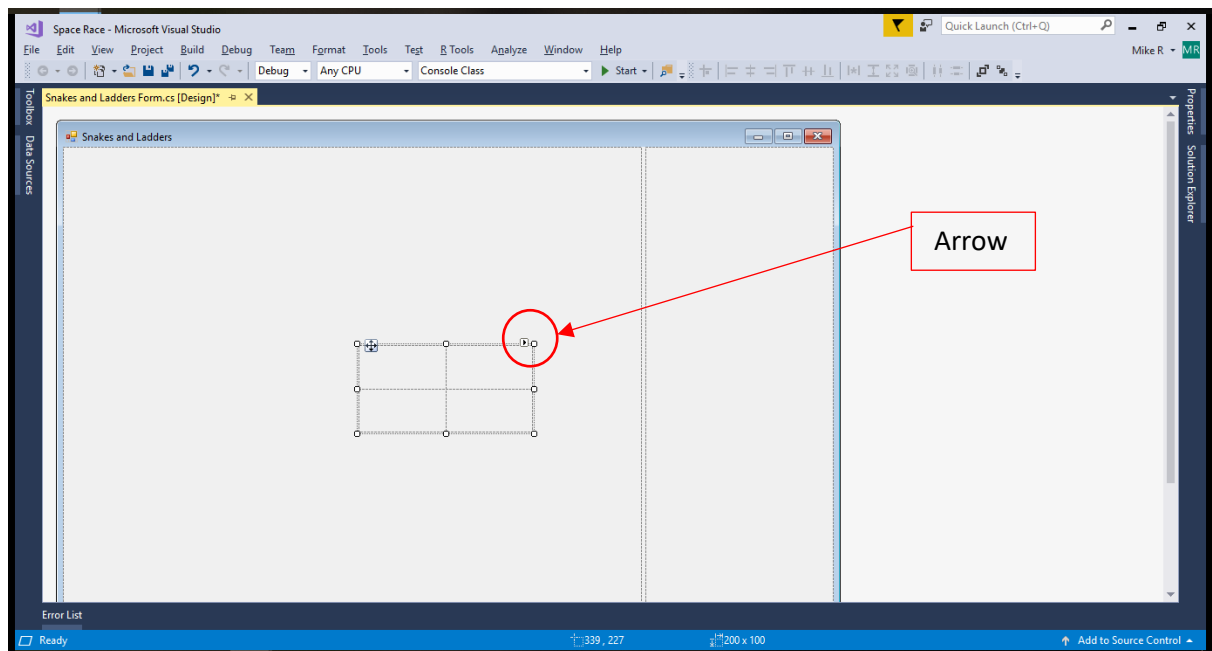


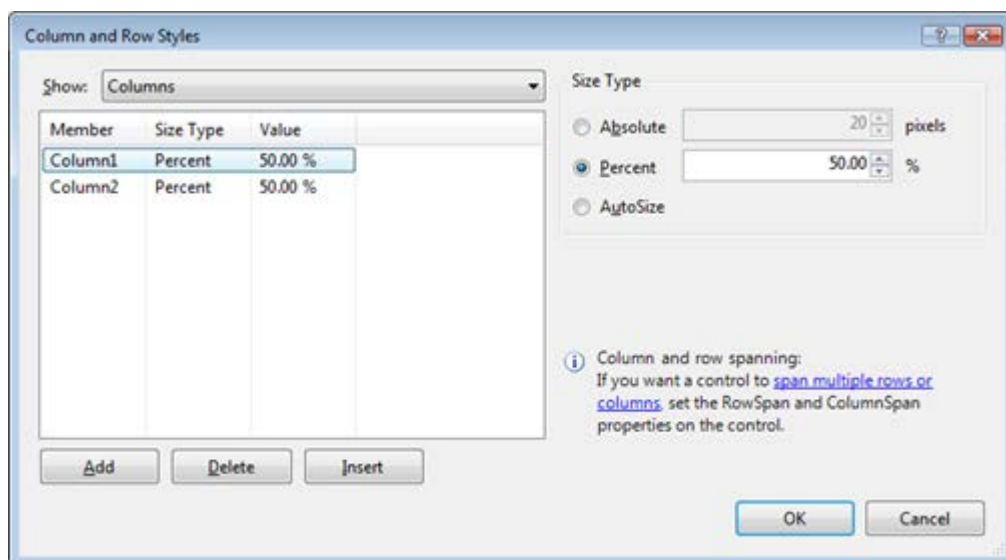
Creating a TableLayoutPanel

From the Toolbox, open the Containers group and drag-and-drop a TableLayoutPanel anywhere within Panel 1 , as shown below. The exact position does not matter

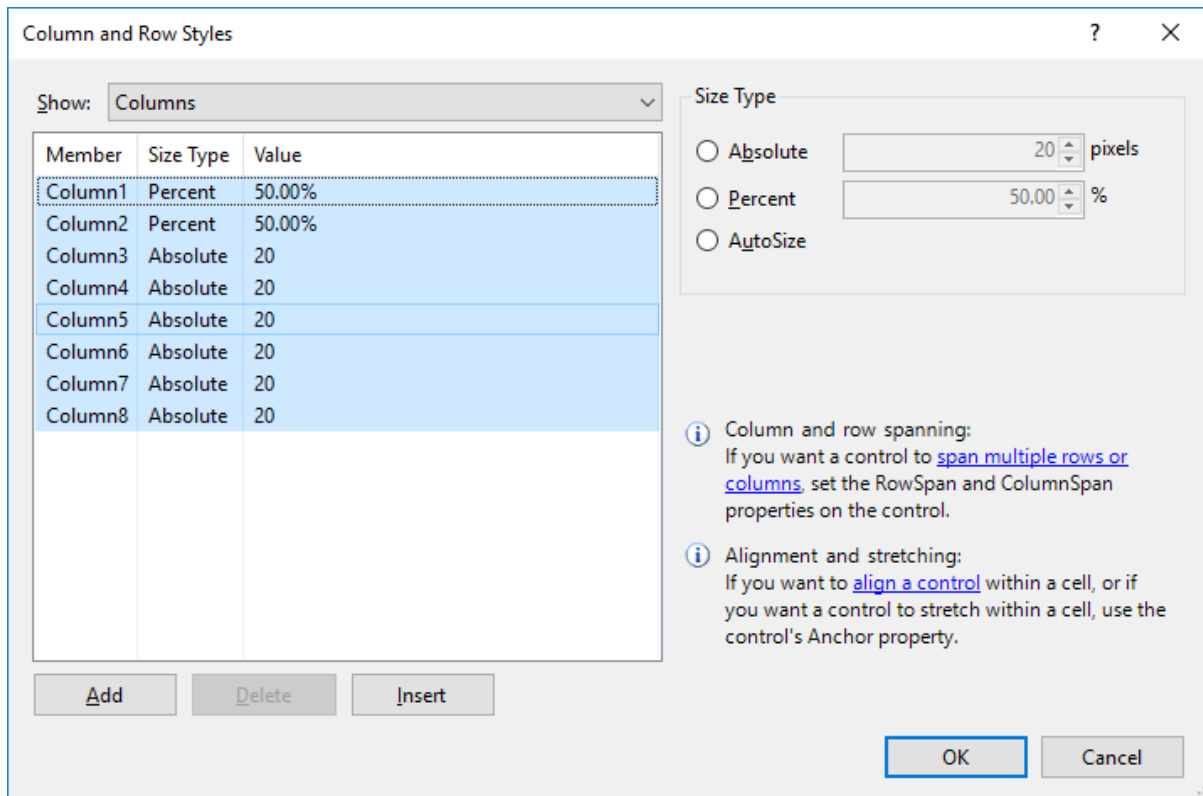


Click on the right pointing arrow near the right hand corner of the TableLayoutPanel, then click on **Edit Rows and Columns**. By default, a TableLayoutPanel control has two rows and two columns. We want eight (8) columns and seven(7) rows.

In the dialog box shown below, click the Add button six times so there are 8 columns

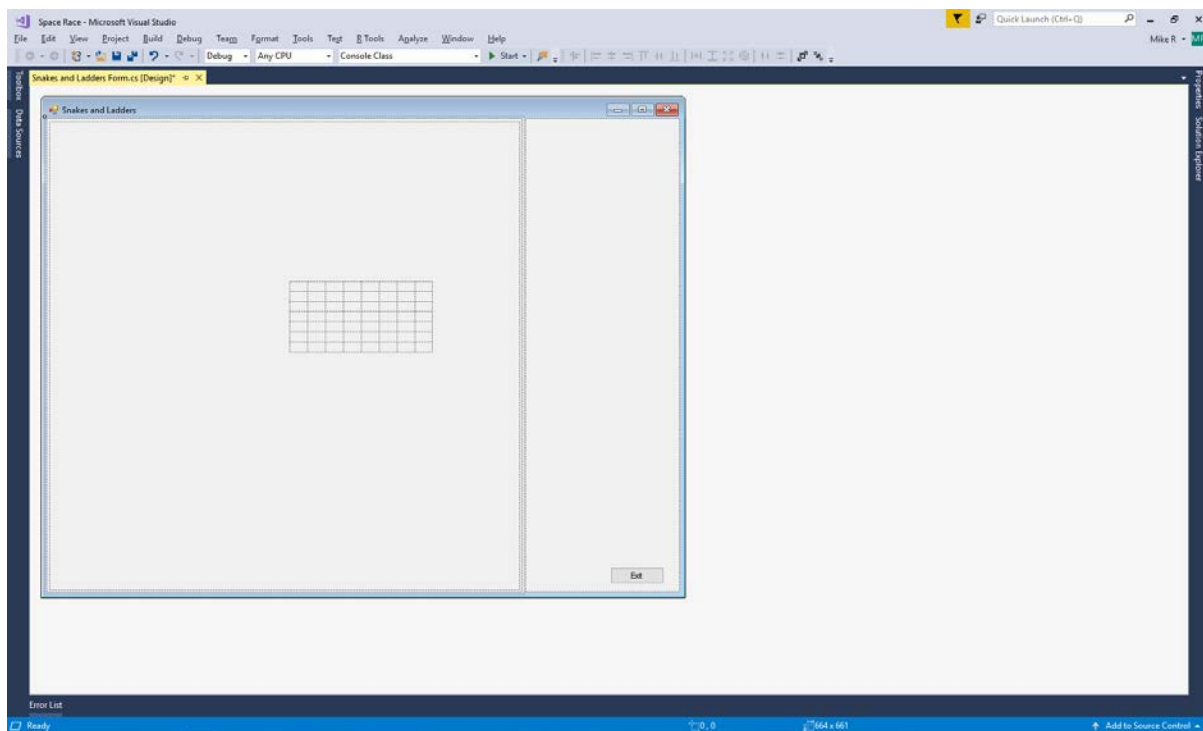


By default, the columns are not the same size, so you must fix that. Start by selecting all the columns:



Then, on the right-hand side, set the Percent value to 12.5%, and then press the **Tab** key. You should then see that each column now has 12.50% of the available space.

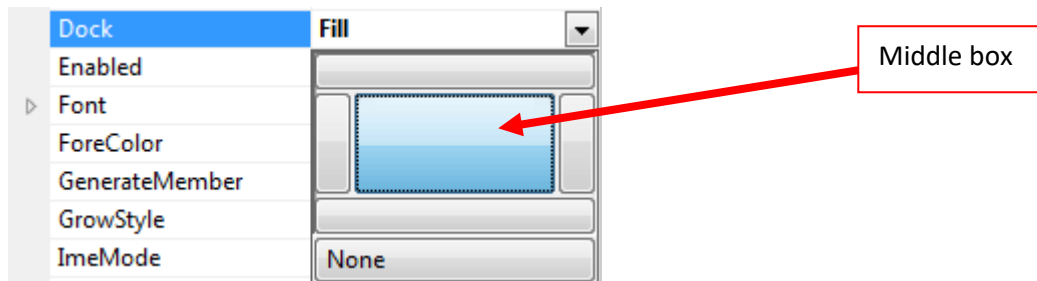
Either in the upper left-hand corner of the same dialog box, change the **Show** value to **Rows** or click on **Edit Rows and Columns** as you did to change the number of columns. Add five more rows, then set the sizes of all the rows to 14.29%. Click the OK button to close this dialog box.



We want the TableLayoutPanel control to fully occupy the available space of Panel 1, and to grow & shrink if the user resizes the form while it is running.

To do this, we need to change some properties. Right-click on your TableLayoutPanel, select **Properties** and then change the following properties:

Dock Property: To set the Dock property to **Fill**, click on that property's drop-down list and then click on the box in the middle, shown highlighted here.



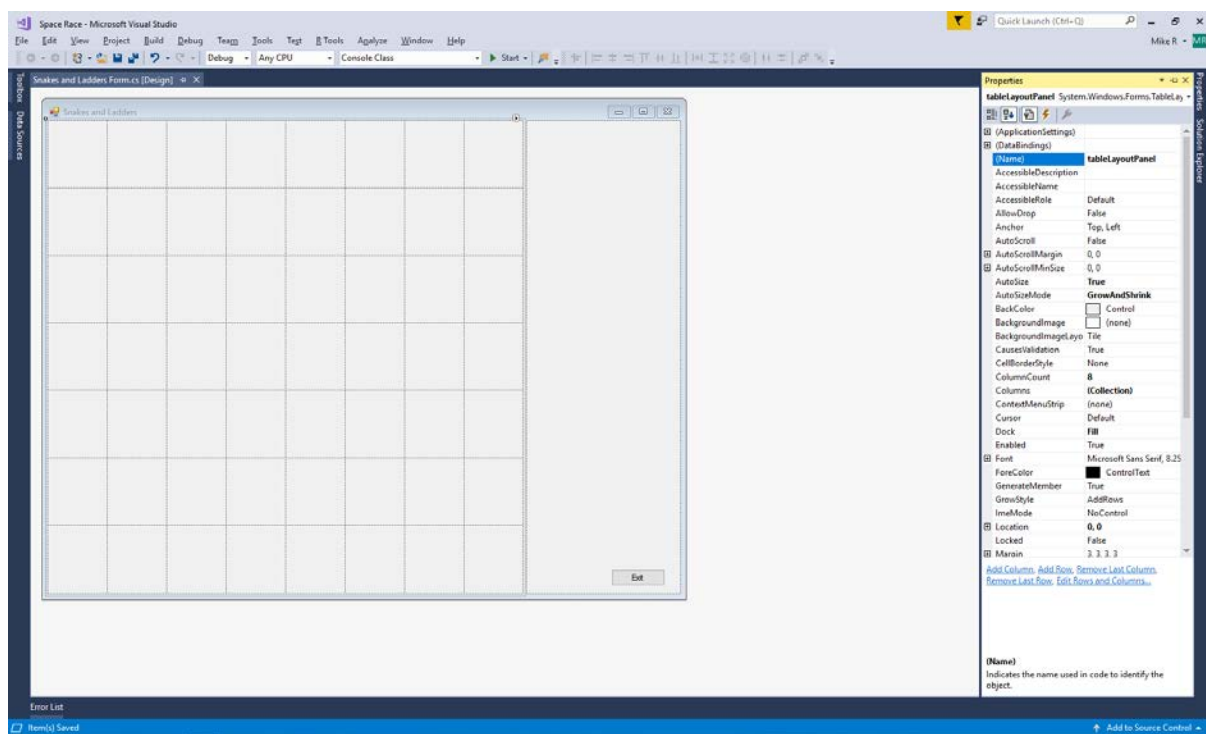
AutoSize Property: set to **True**

AutoSizeMode Property: set to **GrowAndShrink**

(Name) Property: set to **tableLayoutPanel**

You should now see that your TableLayoutPanel takes up all the available space in Panel1, and that it has 56 equally-spaced “squares” over 7 rows and 8 columns.

Note that the rows and columns are numbered from zero (0) with the top left-hand corner (0,0) down to the bottom right-hand corner (6,7).



Now return to the Part B specifications.