

This gives a list of four pseudorandom numbers. Table re-evaluates Random[ ] for each element in the list, so that you get a different pseudorandom number.

In[11]:= **Table[Random[ ], {4}]**

Out[11]= {0.0560708, 0.6303, 0.359894, 0.871377}

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Table[ $f$ ,  $\{i_{\max}\}$ ] give a list of  $i_{\max}$  values of  $f$

Table[ $f$ ,  $\{i, i_{\max}\}$ ] give a list of the values of  $f$  as  $i$  runs from 1 to  $i_{\max}$

Table[ $f$ ,  $\{i, i_{\min}, i_{\max}\}$ ] give a list of values with  $i$  running from  $i_{\min}$  to  $i_{\max}$

Table[ $f$ ,  $\{i, i_{\min}, i_{\max}, di\}$ ] use steps of  $di$

Table[ $f$ ,  $\{i, i_{\min}, i_{\max}\}, \{j, j_{\min}, j_{\max}\}, \dots\}$ ] generate a multidimensional table

TableForm[list] display a list in tabular form