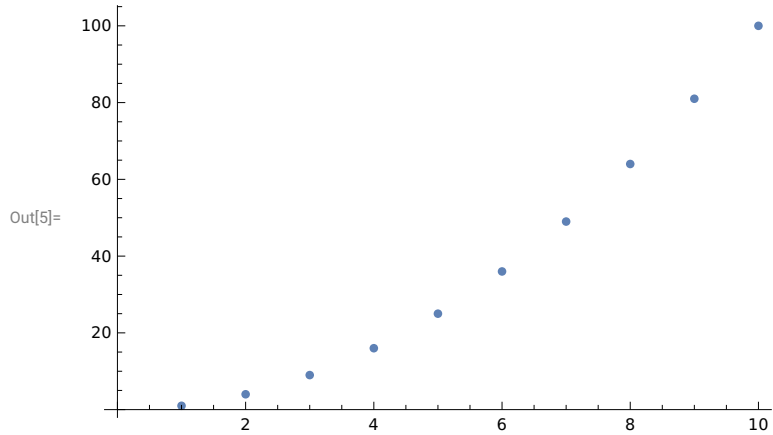In[2]:= **Reverse[Range[10]]^2**

Out[2]= {100, 81, 64, 49, 36, 25, 16, 9, 4, 1}

In[3]:= **Total[Range[10]^2]**

Out[3]= 385

In[5]:= **ListPlot[Range[10]^2]**

Out[5]=

Sort[Join[Range[4], Range[4]]]

Out[6]= {1, 1, 2, 2, 3, 3, 4, 4}

In[7]:= **Range[10] + 10**

Out[7]= {11, 12, 13, 14, 15, 16, 17, 18, 19, 20}

In[9]:= **Sort[Join[Range[5]^2, Range[5]^3]]**

Out[9]= {1, 1, 4, 8, 9, 16, 25, 27, 64, 125}

In[20]:= **Total[IntegerDigits[128^2]]**

Out[20]=

22

In[21]:= **First[IntegerDigits[32^2]]**

Out[21]=

1

In[23]:= **Take[IntegerDigits[2^100], 10]**

Out[23]=

{1, 2, 6, 7, 6, 5, 0, 6, 0, 0}

In[24]:= **Last[IntegerDigits[20^2]]**

Out[24]=

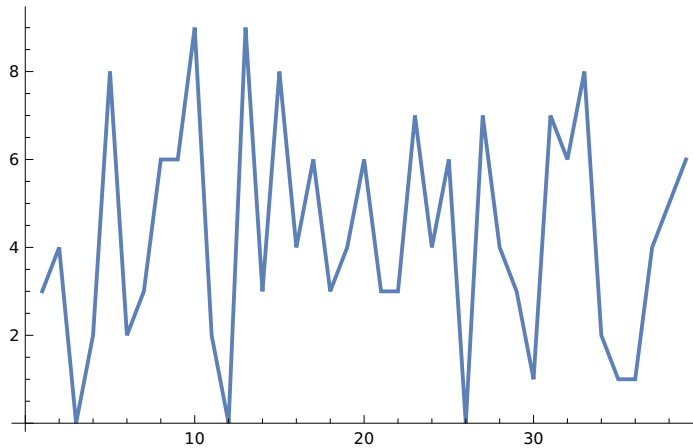0

In[25]:= `Count[IntegerDigits[2^1000], 0]`

Out[25]=

28

In[30]:= `Part[Sort[IntegerDigits[2^20]], 2]`

Out[30]=

1

In[32]:= `ListLinePlot[IntegerDigits[2^128]]`

Out[32]=

In[34]:= `Take[Drop[Range[100], 10], 10]`

Out[34]=

{11, 12, 13, 14, 15, 16, 17, 18, 19, 20}
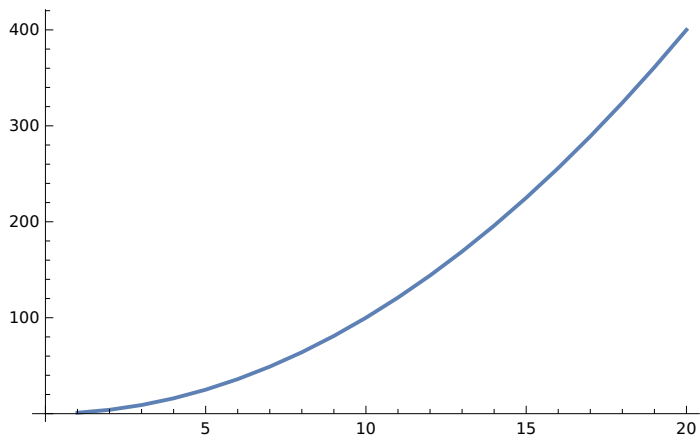
In[35]:= `Table[100, 5]`

Out[35]=

{100, 100, 100, 100, 100}

In[39]:= `Drop[Table[n^3, {n, 20}], 9]`

Out[39]=

{1000, 1331, 1728, 2197, 2744, 3375, 4096, 4913, 5832, 6859, 8000}

In[41]:= `ListLinePlot[Range[20]^2]`

Out[41]=

In[47]:= `Range[0, 20, 2]`
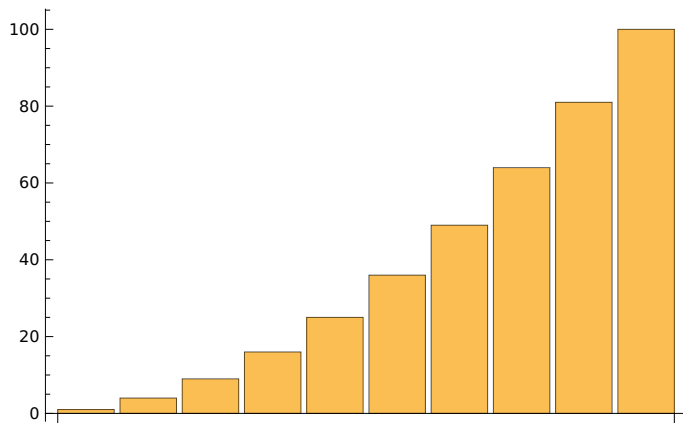
Out[47]=

`{0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20}`

In[50]:= `Table[n, {n, 1, 10}]`

Out[50]=

`{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}`
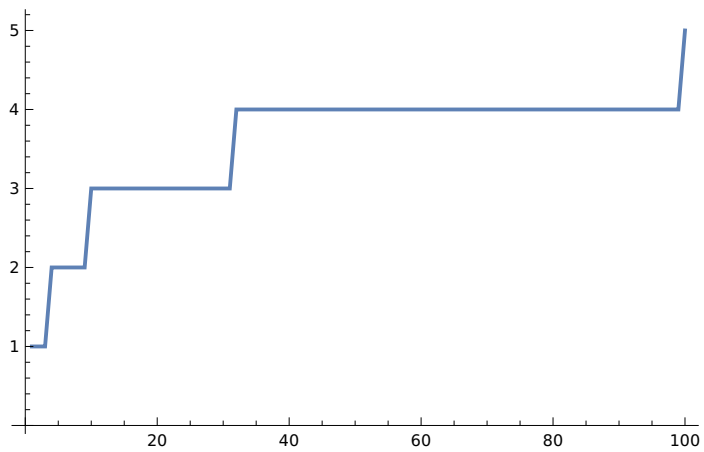
In[51]:= `BarChart[Range[10]^2]`

Out[51]=

In[54]:= `IntegerDigits[Table[n^2, {n, 10}]]`

Out[54]=

`{{1}, {4}, {9}, {1, 6}, {2, 5}, {3, 6}, {4, 9}, {6, 4}, {8, 1}, {1, 0, 0}}`

In[75]:= `ListLinePlot[Table[Length[IntegerDigits[n^2]], {n, 100}]]`

Out[75]=

In[77]:= `Table[First[IntegerDigits[n^2]], {n, 20}]`

Out[77]=

{1, 4, 9, 1, 2, 3, 4, 6, 8, 1, 1, 1, 1, 1, 2, 2, 2, 3, 3, 4}

In[78]:= `ListLinePlot[Table[First[IntegerDigits[n^2]], {n, 100}]]`

Out[78]=