

Walker — 2025-01-17 — PS 1

In[360]:=

```
1 + 2 + 3
1 + 2 + 3 + 4 + 5
1 * 2 * 3 * 4 * 5
5 ^ 5
3 ^ 4
10 ^ 12
3 ^ (7 * 8)
(4 - 2) * (3 + 4)
29 000 * 73
Plus[7, 6, 5]
Times[2, Plus[3]]
Max[Times[6, 8], Times[5, 9]]
RandomInteger[1000]
Plus[RandomInteger[10], 10]
Range[4]
Range[100]
Reverse[Range[4]]
Reverse[Range[50]]
Join[Range[4], Reverse[Range[4]]]
ListPlot[Range[100], Reverse[Range[100]]]
Range[RandomInteger[10]]
Range[10]
Join[{1, 2}, {3, 4}, {5}]
Join[Range[10], Range[10], Range[5]]
Join[Range[20], Reverse[Range[20]]]
BarChart[1, 1, 2, 3, 5]
PieChart[Range[10]]
BarChart[Reverse[Range[20]]]
Column[Range[5]]
NumberLinePlot[{1, 4, 9, 16, 25}]
PieChart[{1, 1, 1, 1, 1, 1, 1, 1, 1, 1}]
Column[PieChart[{1}], PieChart[{1, 1}], PieChart[{1, 1, 1}]]
```

Out[360]=

6

Out[361]=

15

Out[362]=

120

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Out[363]=
  3125

Out[364]=
  81

Out[365]=
  1 000 000 000 000

Out[366]=
  523 347 633 027 360 537 213 511 521

Out[367]=
  14

Out[368]=
  2 117 000

Out[369]=
  18

Out[370]=
  6

Out[371]=
  48

Out[372]=
  835

Out[373]=
  16

Out[374]=
  {1, 2, 3, 4}

Out[375]=
  {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22,
    23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42,
    43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62,
    63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81,
    82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100}

Out[376]=
  {4, 3, 2, 1}

Out[377]=
  {50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37,
    36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20,
    19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1}

Out[378]=
  {1, 2, 3, 4, 4, 3, 2, 1}

```

... **ListPlot**: Options expected (instead of

{100, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90, 89, 88, 87, 86, 85, 84, 83, 82, 81, 80, 79, 78, 77, 76, 75, 74, 73, 72, 71, 70, 69, 68, 67, 66, 65, 64, 63, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, <<50>>})

beyond position 1 in

ListPlot[{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, <<50>>}, {100, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90, 89, 88, 87, <<23>>, 63, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, <<50>>}].

An option must be a rule or a list of rules. 

Out[379]=

```
ListPlot[{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41,
42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61,
62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81,
82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100},
{100, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90, 89, 88, 87, 86, 85, 84, 83, 82,
81, 80, 79, 78, 77, 76, 75, 74, 73, 72, 71, 70, 69, 68, 67, 66, 65, 64, 63, 62,
61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42,
41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23,
22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1}]
```

Out[380]=

```
{1, 2, 3, 4, 5, 6}
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Out[381]=

```
{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}
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Out[382]=

```
{1, 2, 3, 4, 5}
```

Out[383]=

```
{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1, 2, 3, 4, 5}
```

Out[384]=

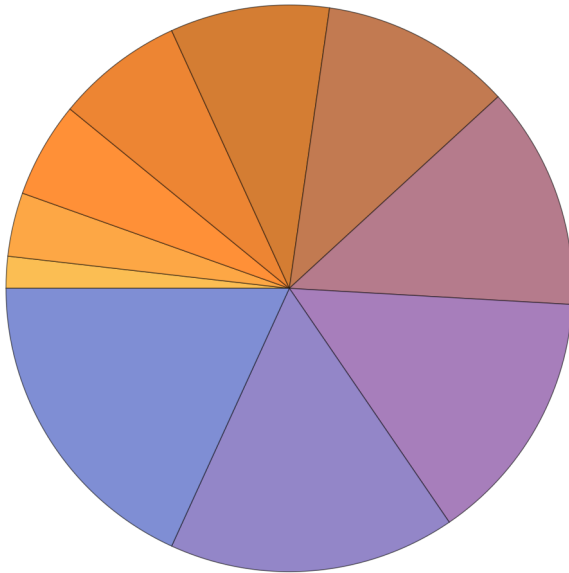
```
{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,
20, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1}
```

... **BarChart**: Options expected (instead of 5) beyond position 1 in BarChart[1, 1, 2, 3, 5]. An option must be a rule or a list of rules. 

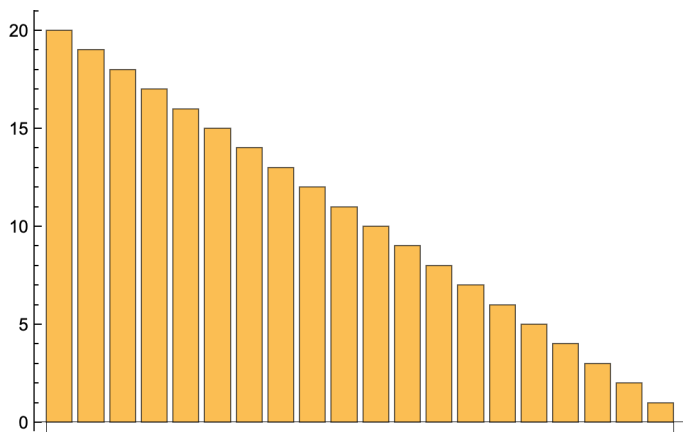
Out[385]=

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BarChart[1, 1, 2, 3, 5]
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Out[386]=



Out[387]=



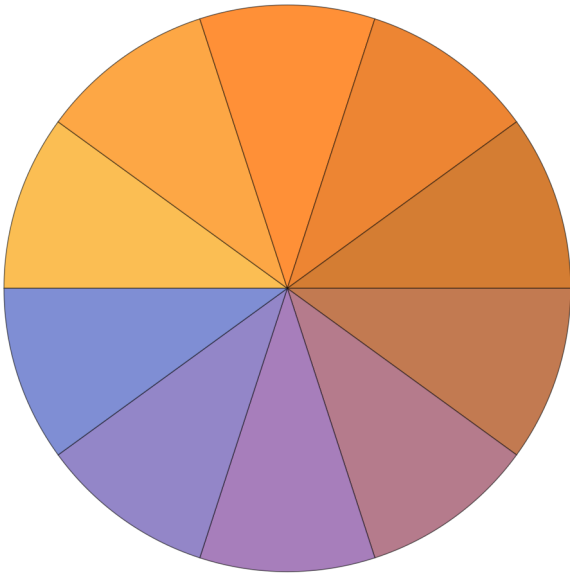
Out[388]=

- 1
- 2
- 3
- 4
- 5

Out[389]=



Out[390]=



Out[391]=

