Walker — 2025-01-17 — PS 1

In[1]:=
```
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[1]= 6

Out[2]= 15

Out[3]= 120

Out[4]= 3125

Out[5]= 81

The error messages you are getting on the 2nd and 3rd page of the PDF are because of missing curly braces.

Function[{2, 3}, {4, 5}] usually means something very different (depending on how the function interprets its arguments) than Function[{{2, 3}, {4, 5}}]

The final attempt to put things in a column failed for the same reason: you need Column[{PieChart[{1}], PieChart[{1, 1}], PieChart[{1, 1, 1}]}].

In general, you should do a final execution of your notebook and make sure that after the final execution, there are no error messages.

9/10

Out[6]= 1 000 000 000 000

Out[7]= 523 347 633 027 360 537 213 511 521

Out[8]= 14

Out[9]= 2 117 000

Out[10]=
```
18
```

Out[11]=
```
6
```

Out[12]=
```
48
```

Out[13]=
```
434
```

Out[14]=
```
13
```

Out[15]=
```
{1, 2, 3, 4}
```

Out[16]=
```
{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[17]=
```
{4, 3, 2, 1}
```

Out[18]=
```
{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[19]=
```
{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[20]=

```
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[21]=

```
{1, 2, 3, 4, 5, 6, 7}
```

Out[22]=

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

Out[23]=

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

Out[24]=

```
{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[25]=

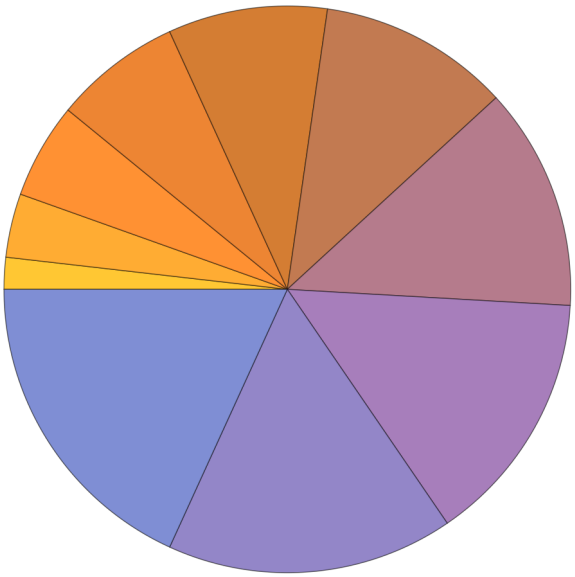
```
{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,
 20, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1}
```

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.

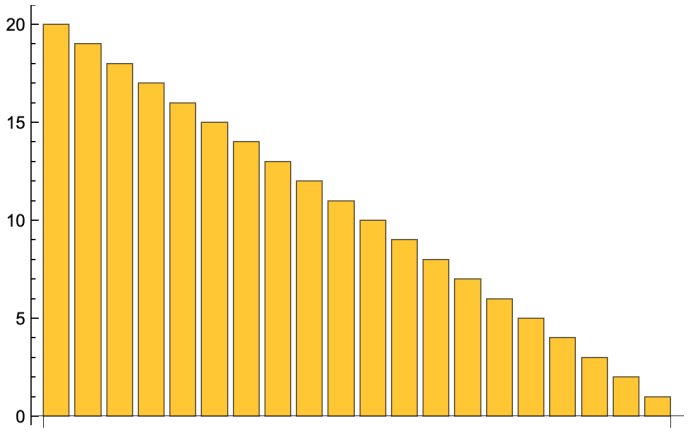
Out[26]=

```
BarChart[1, 1, 2, 3, 5]
```

Out[27]=



Out[28]=

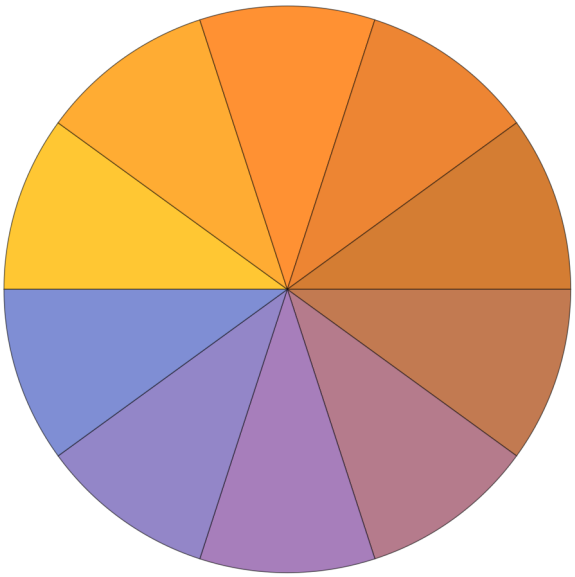


Out[29]=

1
2
3
4
5

Out[30]=

Out[31]=



Out[32]=