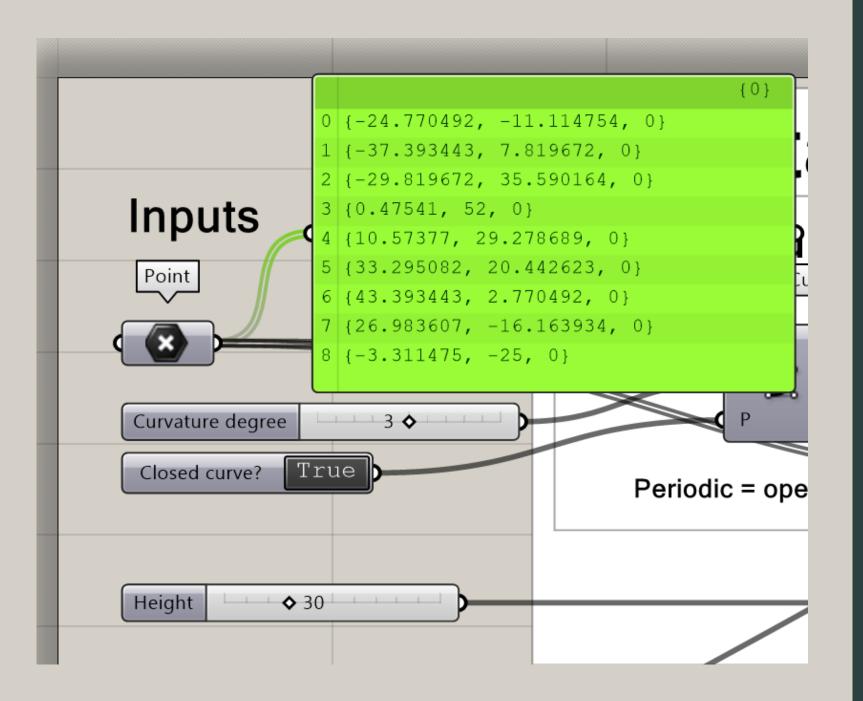
Computational design

Using Rhino & Grasshopper

Lesson 2 - Curves and lists

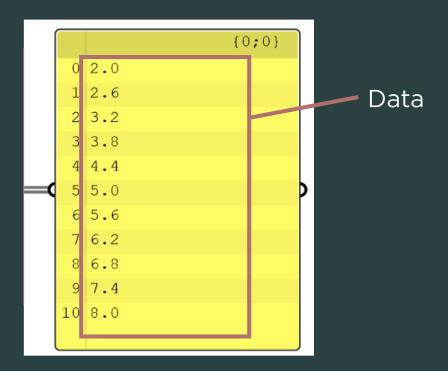


- List is a data structure in Grasshopper
- Use the "panel" component to visualise

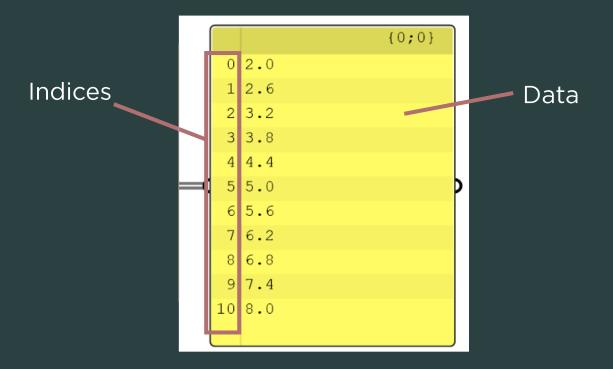
```
{0;0}

0 2.0
1 2.6
2 3.2
3 3.8
4 4.4
5 5.0
6 5.6
7 6.2
8 6.8
9 7.4
10 8.0
```

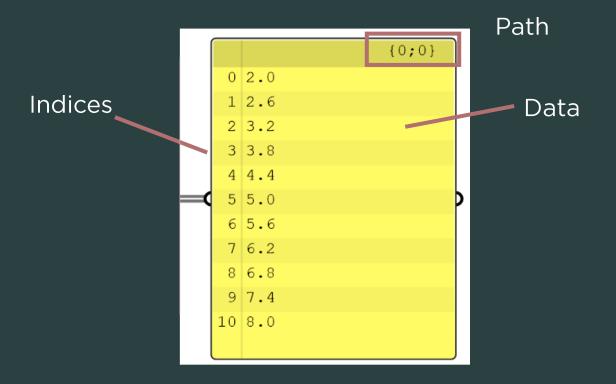
- List is a data structure in Grasshopper
- Use the "panel" component to visualise



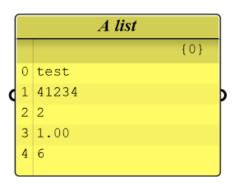
- List is a data structure in Grasshopper
- Use the "panel" component to visualise



- List is a data structure in Grasshopper
- Use the "panel" component to visualise



Typing in a panel (switch off multiline data)



Combining outputs



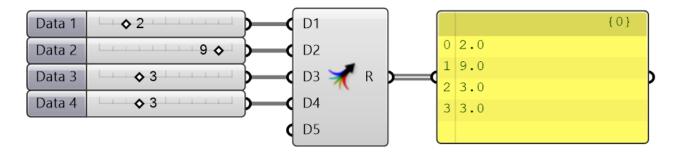
Combining outputs

Bad habit!



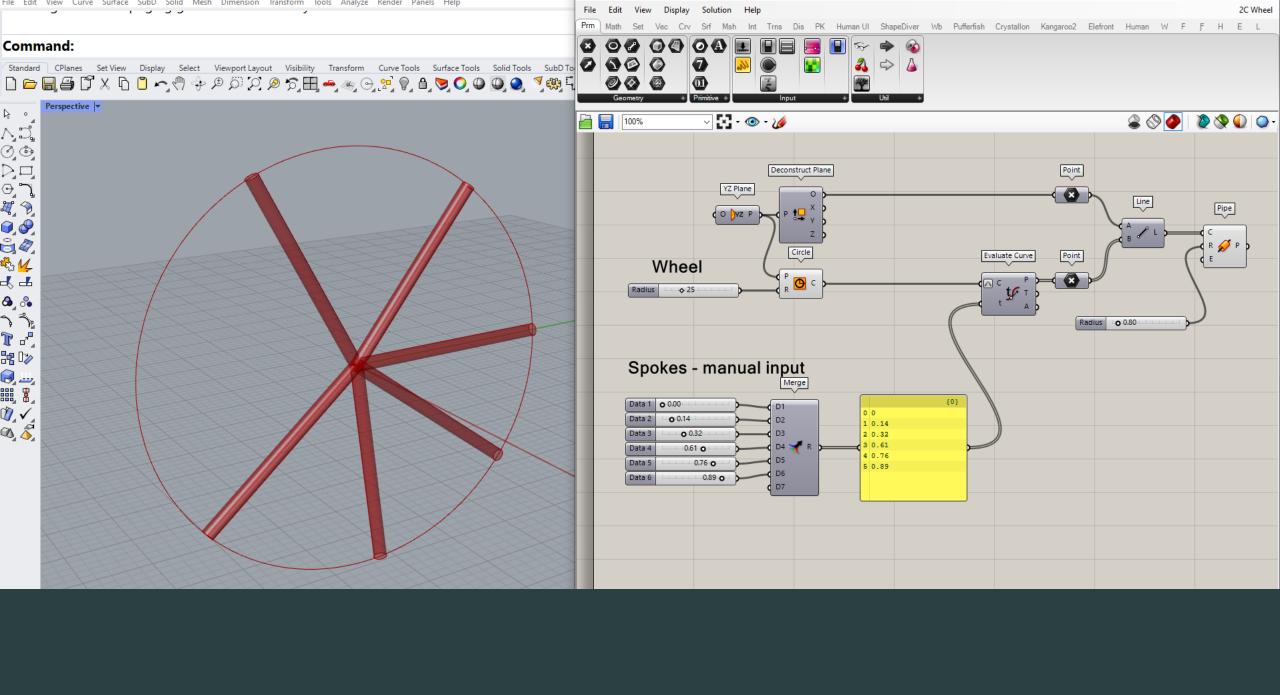
Merge

Beter

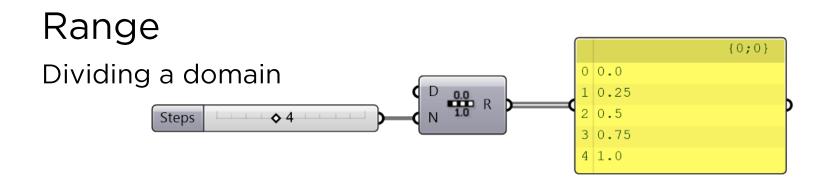


Applications of a list

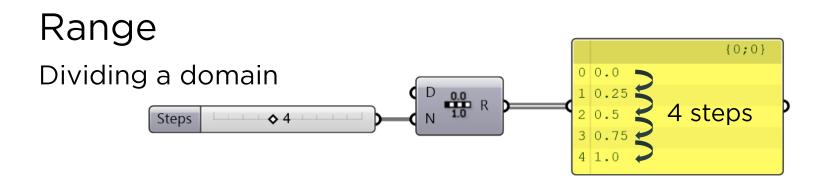
- Combining objects
- Generating objects
- Processing multiple things at once



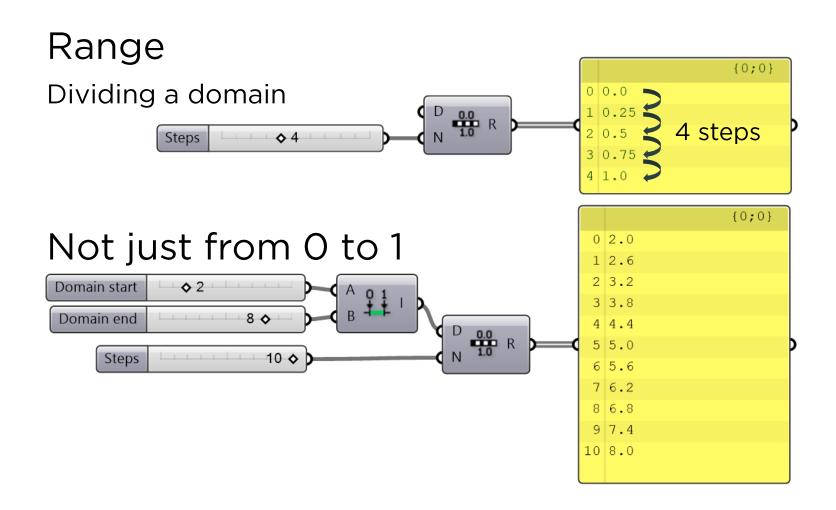
How to make a list - Range



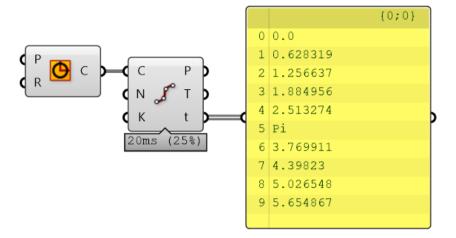
How to make a list - Range



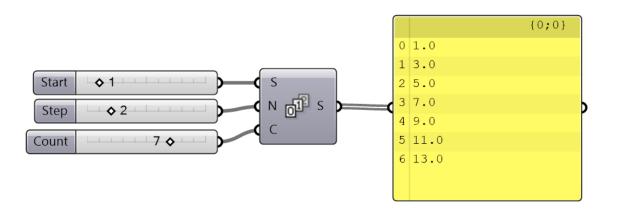
How to make a list - Range



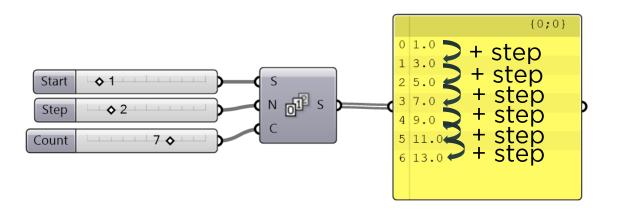
Divide Curve

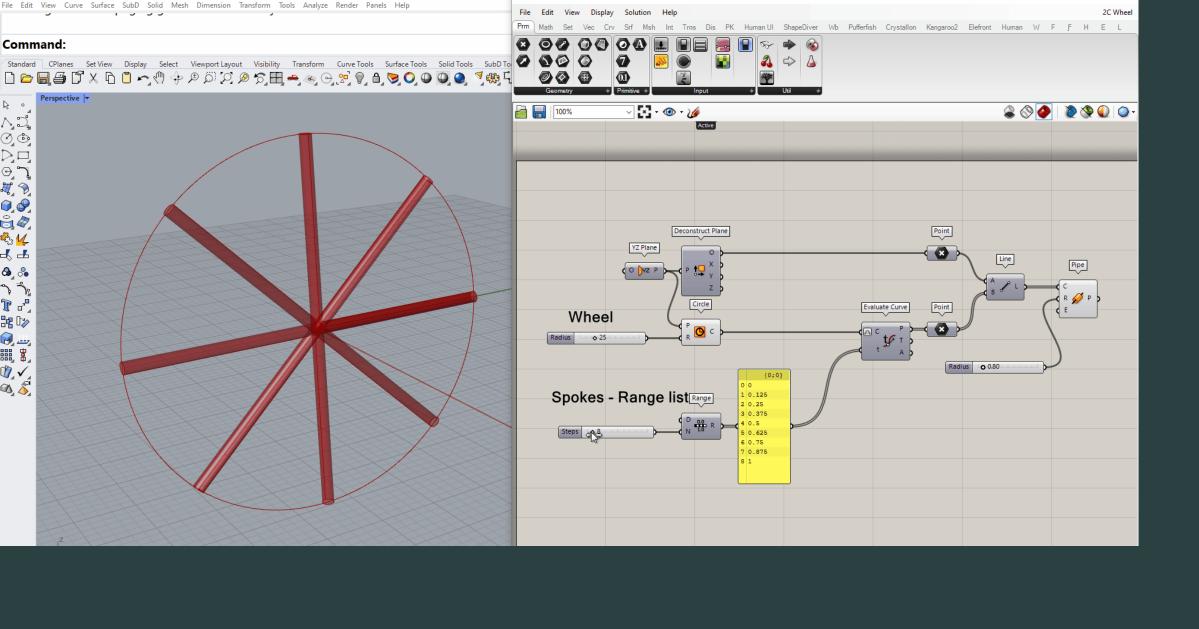


Series: counting in steps

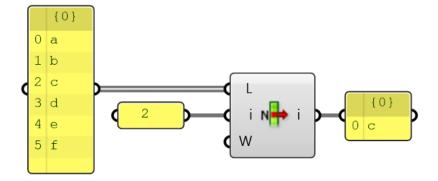


Series: counting in steps

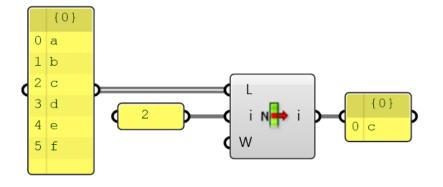


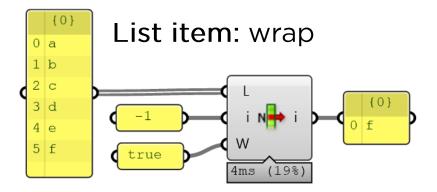


List item: pick an item



List item: pick an item





Cull index: remove

