Configuration Generator

The following utility allows a `lifefromscratch` user to generate random/deterministic chemistry configuration files based on patterns. It generates both a `chemistry.cfg` file that can be used with the program and additionally outputs a command that can be directly copied to the command line to run the program with certain settings.

```
//| echo: false

import {tippify} from '@akrawitz/tippify'
tippify();

viewof diameter = Inputs.range([1.0, 20.0], {value: 10.0, step: 0.1, label: "Diameter"});

html`<i><font style="font-size:9pt">Diameter of an atom in the simulation (total world size i

viewof temperature= Inputs.range([0.1,10000.0], {value: 100.0, step:0.1, label: "Temperature"

html`<i><font style="font-size:9pt">Temperature determines the magnitude of random movement o

viewof init_atoms= Inputs.range([1, 100000], {value: 100.0, step:1.0, label: "Number of atoms
html`<i><font style="font-size:9pt">Number of atoms in the world</font></i>`

viewof text = Inputs.textarea({label: "Chemistry specification", placeholder: "Test"})

viewof fixed = Inputs.textarea({label: "Fixed value", value: "Can't edit me!", disabled: true
```

```
//| echo: false
viewof num_species = Inputs.range([1,256], {value: 1, step:1, label: "Number of species"})

html`<i><font style="font-size:9pt">Number of atomic species in the chemistry (max=256)</font

viewof num_states= Inputs.range([1,256], {value: 1, step:1, label: "Number of states"})

html`<i><font style="font-size:9pt">Number of states that an atom can take (max=256)</font></
```