```
+ 0.0 * IIIIZZIIIIII
+ 0.0 * IIIZIZIIIIII
+ 0.0 * IIZIIZIIIIII
+ 0.0 * IZIIIZIIIIII
+ 0.0 * ZIIIIZIIIIII
+ 0.0 * IIIZZIIIIIII
+ 0.0 * IIZIZIIIIIII
+ 0.0 * IZIIZIIIIIII
+ 0.0 * ZIIIZIIIIIII
+ 0.0 * IIZZIIIIIIII
+ 0.0 * IZIZIIIIIIII
+ 0.0 * ZIIZIIIIIIII
+ 0.0 * IZZIIIIIIIII
+ 0.0 * ZIZIIIIIIIII
+ 0.0 * ZZIIIIIIIIII
+ 0.6 * XIIIIIIIIIII
+ 0.6 * IXIIIIIIIIII
+ 0.6 * IIXIIIIIIIII
+ 0.6 * IIIXIIIIIIII
+ 0.6 * IIIIXIIIIIII
+ 0.6 * IIIIIXIIIIII
+ 0.6 * IIIIIIXIIIII
+ 0.6 * IIIIIIIXIIII
+ 0.6 * IIIIIIIIXIII
+ 0.6 * IIIIIIIIIXII
+ 0.6 * IIIIIIIIIIXI
+ 0.6 * IIIIIIIIIIIX
[0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0.
  0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
0. 0. 0. 0. 0. 0.]
Hardware Interface: <hardware.local.LocalSimulatorInter
face object at 0x7f81e14749a0>
```

vqe_conf.json [+]   1,1   All
```json
1  {
2      "reps": 1,
3      "entanglement": "linear",
4      "optimizer_name": "COBYLA",
5      "sequence_length": 4,
6      "size": 12,
7      "description": "VQH Chapter",
8      "iterations": [
9          512,
10         512,
11         512,
12         512
13     ],
14     "nextpathid": 32
15 }
```

h_setup.csv

```
1  h1,c,c#,d,d#,e,f,f#,g,g#,a,a#,b
2  c,  -1,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0
3  c#,  0,  1,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0
4  d,   0,  0,  1,  0,  0,  0,  0,  0,  0,  0,  0,  0
5  d#,  0,  0,  0,  1,  0,  0,  0,  0,  0,  0,  0,  0
6  e,   0,  0,  0,  0, -1,  0,  0,  0,  0,  0,  0,  0
7  f,   0,  0,  0,  0,  0,  1,  0,  0,  0,  0,  0,  0
8  f#,  0,  0,  0,  0,  0,  0,  1,  0,  0,  0,  0,  0
9  g,   0,  0,  0,  0,  0,  0,  0, -1,  0,  0,  0,  0
10 g#,  0,  0,  0,  0,  0,  0,  0,  0,  1,  0,  0,  0
11 a,   0,  0,  0,  0,  0,  0,  0,  0,  0,  1,  0,  0
12 a#,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0,  1,  0
13 b,   0,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0,  1
14 h2,c,c#,d,d#,e,f,f#,g,g#,a,a#,b
15 c,  -1,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0,  0
```
h_setup.csv   1,1   Top