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Thread: [Baffled with creating HTML table in particular order with loops](#)

.eXe - August 27, 2023, 4:46 pm

Hear me out before you laugh...

I have some JSON that will look like this:

```
Code {
  "1": {
    "tileRef": 1,
    "cpuVersion": "47C8",
    "fpgaVersion": "5C04",
    "fanSpeed": 0,
    "temperature": 24,
    "fps": 60,
    "status": "OK"
  },
```

There will be up to 72 of these in a single JSON payload.

I need to create a 12x6 grid that will hold this data. HOWEVER, the order needs to start from the bottom left, for example:

6	7	18	19	30	31	42	43	54	55	66	67
5	8	17	20	29	32	41	44	53	56	65	68
4	9	16	21	28	33	40	45	52	57	64	69
3	10	15	22	27	34	39	46	51	58	63	70
2	11	14	23	26	35	38	47	50	59	62	71
1	12	13	24	25	36	37	48	49	60	61	72

I'm using for loops to create the grid, but what about getting the data in the right place?

Nachfolger - August 28, 2023, 5:07 am

There's going to be a ton of ways you could approach this. One way that came to mind is to chunk split the array into slices of 6 then reverse the chunk (or iterate backwards)

You don't state the language you're working with, and some come with the function natively (e.g. PHP). Here's a chunk split example with JavaScript:

```
Code const dataset = []; // TODO: replace with your data
const chunked = [];
for (let i = 0; i < dataset.length; i += 6) {
  chunked.push(dataset.slice(i, i + 6));
}
```

<https://stackoverflow.com/a/8495740>

Then iterate through each chunk:

```
Code chunked.forEach((chunk) => {  
  (chunk.reverse()).forEach((e) => console.log(e)); // TODO: build the table  
});
```

EDIT: I didn't realize it swapped order in each row. You can just conditionally reverse the array depending on the index of the chunk.

e.g.

```
Code chunked.forEach((chunk, idx) => {  
  if (idx % 2 !== 0) {  
    // reverse  
  }  
  
  // build table  
});
```