

3/21/2022

Arrays -

one name for multiple values.

eg Fibonacci numbers
Fib0, Fib1, Fib2

Fib

0, 1, 1, 2, 3, 5, 8, 13, 21, 34 ...
F₀ F₁ ← fib[2]

fib[0]

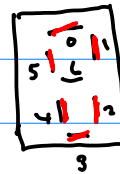
Start at zero

fib[1]

fib[2]

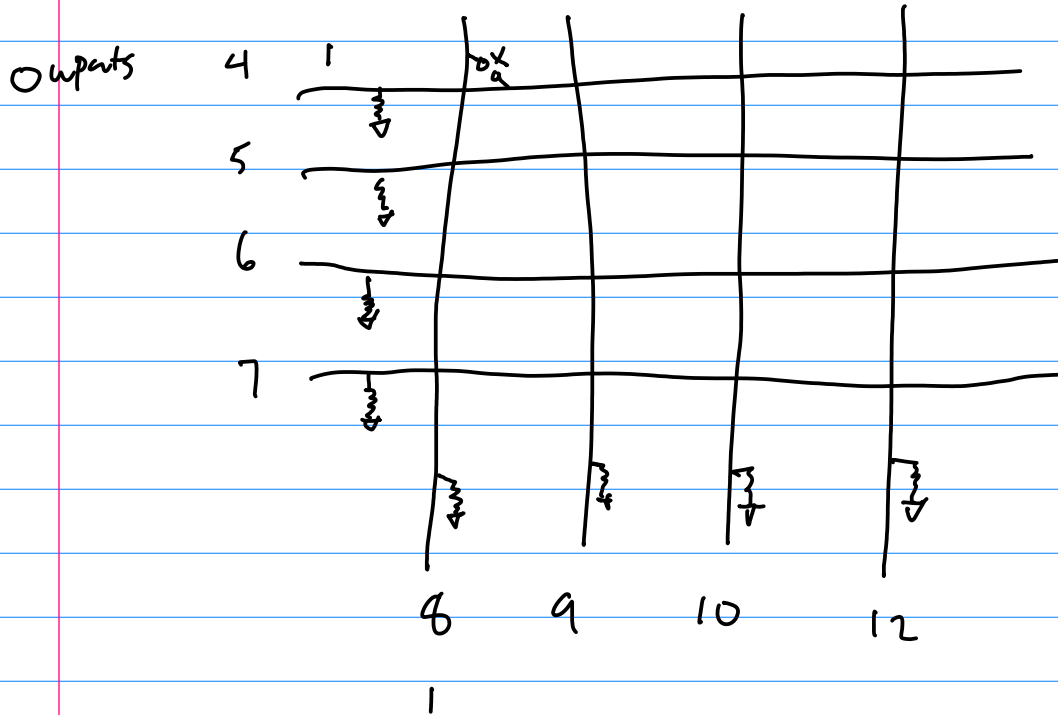
eg Table lookup

0	$\frac{0}{7}$	$\frac{0}{6}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{1}$	$\frac{1}{0}$
1	0	0	0	0	0	1	1	0
2								



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Keypad



```
while ((key = getKey()) == 7) {} ✓
```

```
while (getKey() == 7) {}  
key = getKey();
```

