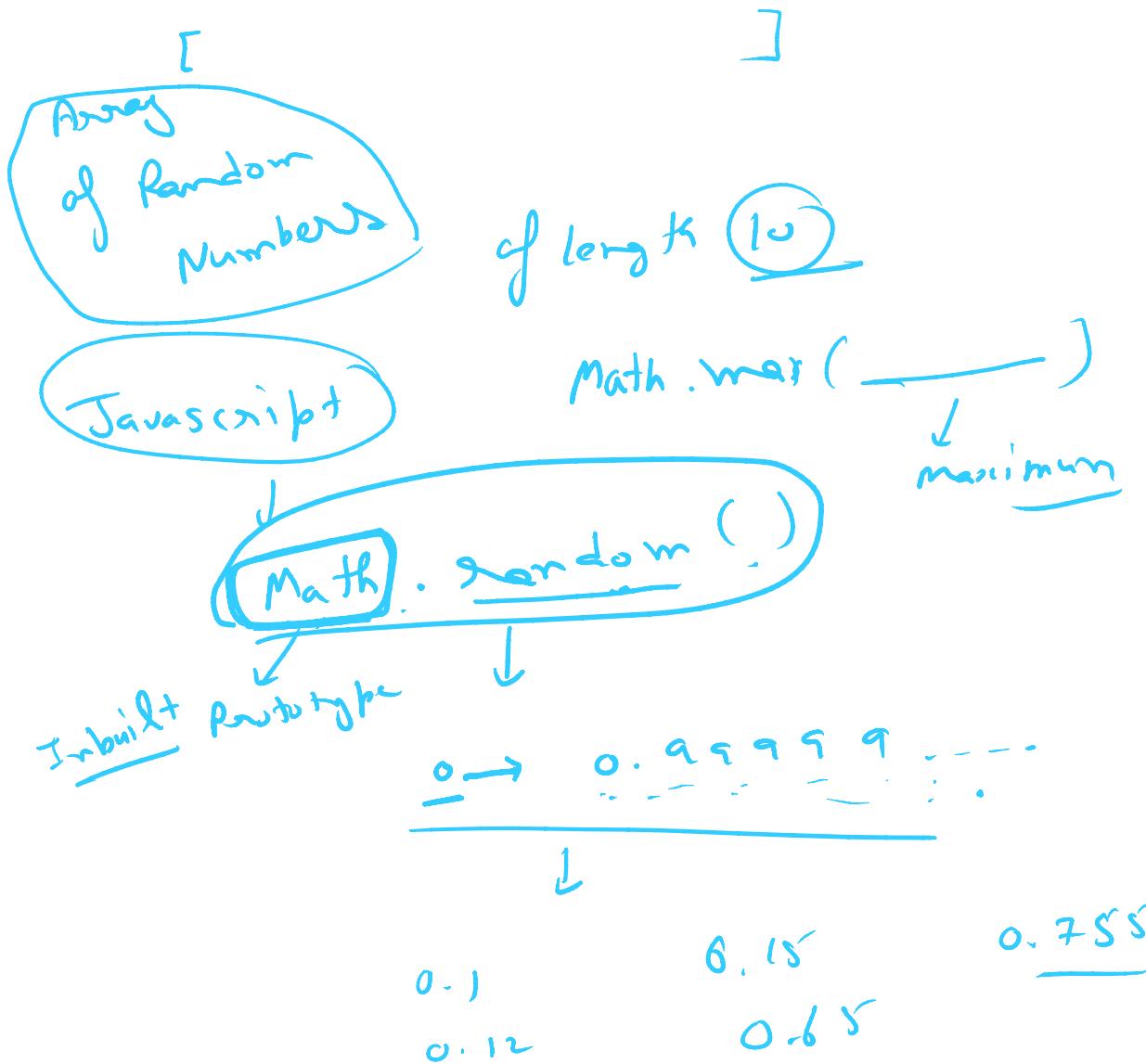


## Date object

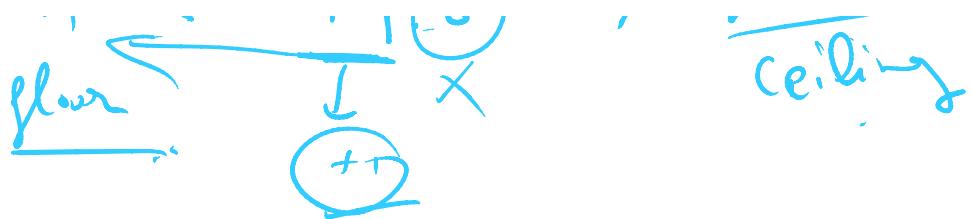
15 September 2022 20:27



$$0 \times 10^0 \rightarrow 0.9999999999999998 \times 10^0$$

$$\begin{array}{ccc} 0 & \rightarrow & 99.99999999999998 \\ \hline 0 & \rightarrow & 100 \end{array}$$

$$\begin{array}{ccc} 99 & \leftarrow & 99.99999999999998 & \rightarrow & 100 \\ \text{floor} & & 100 & & \text{ceiling} \end{array}$$



Math.random() × 100

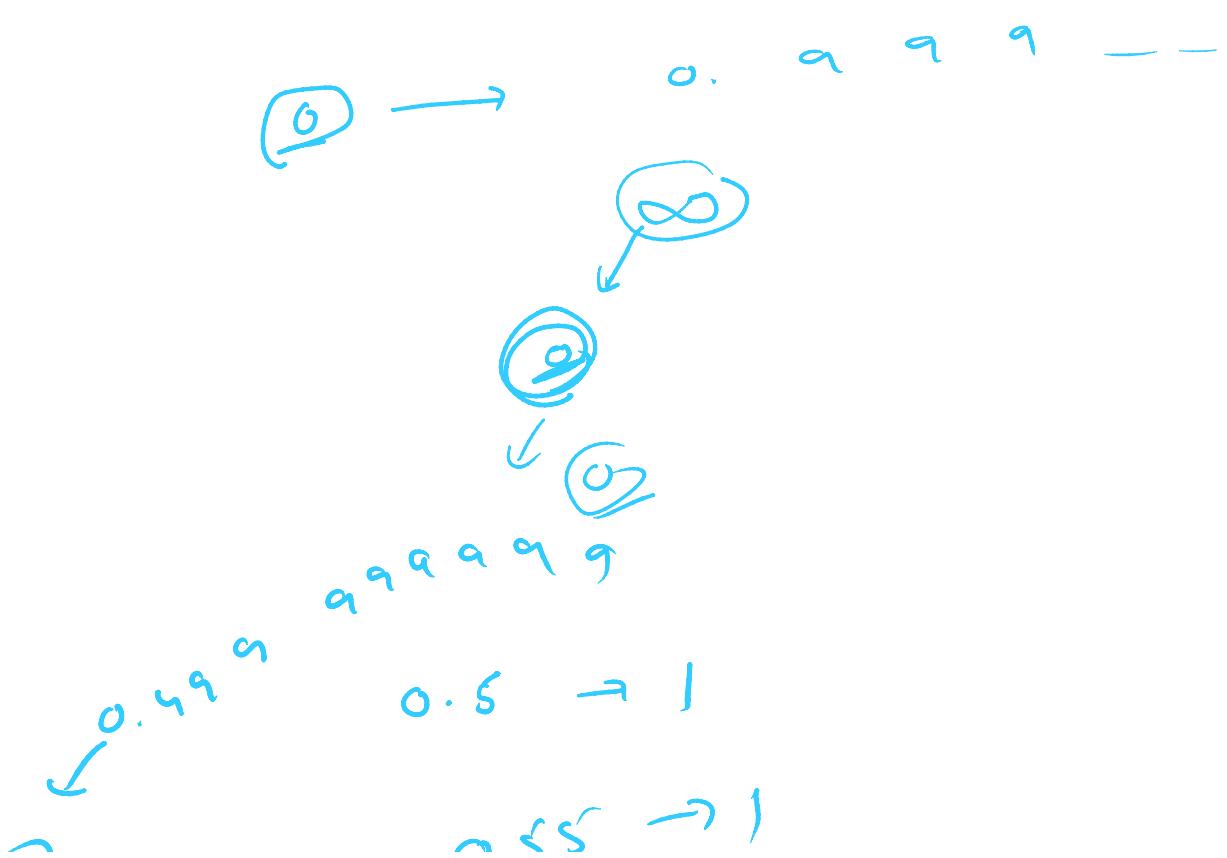
0.0 to 1 → 0 to 99 + 1

0.1 ↓  
| [ 0 ] ↓  
| 0

0 to 99

0 to 100

|      |      |
|------|------|
| 1    | 7    |
| 1.5  | 14   |
| 2    | 21   |
| 2.88 | 28.8 |
| 3.8  | 35.8 |
| 4    | 42   |
| 89   | 89   |



$\vartheta$

$$0.55 \rightarrow 1$$

$$0.51 \rightarrow 1$$

$$0.50000001 \rightarrow 1$$

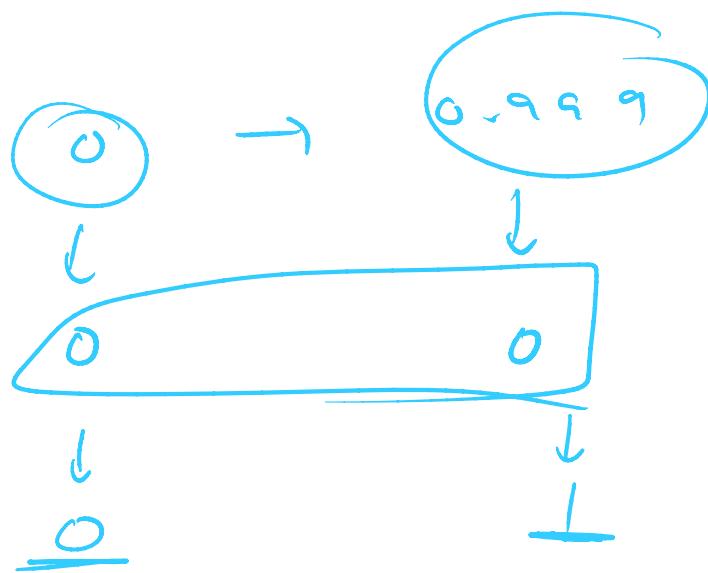
Math. round

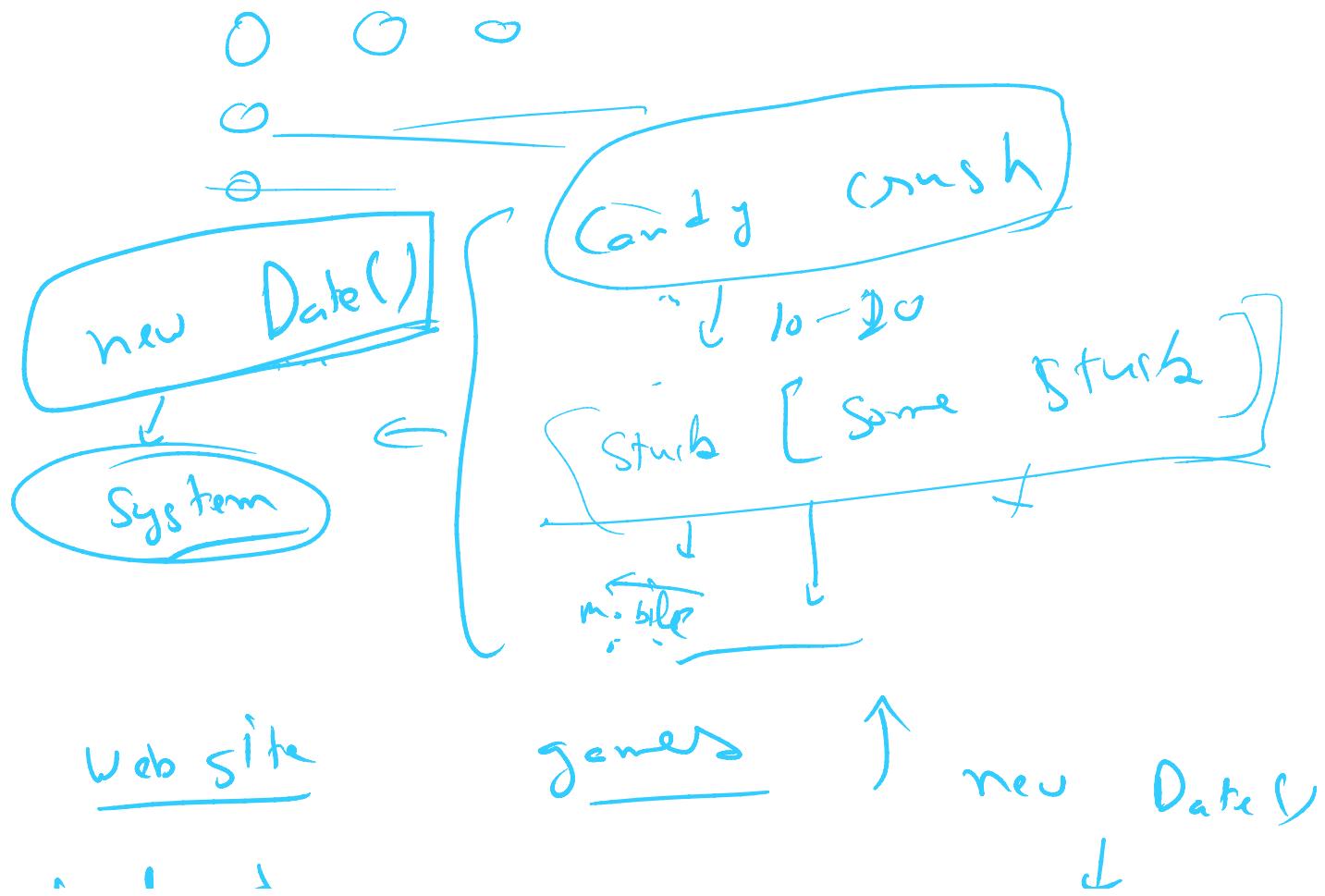
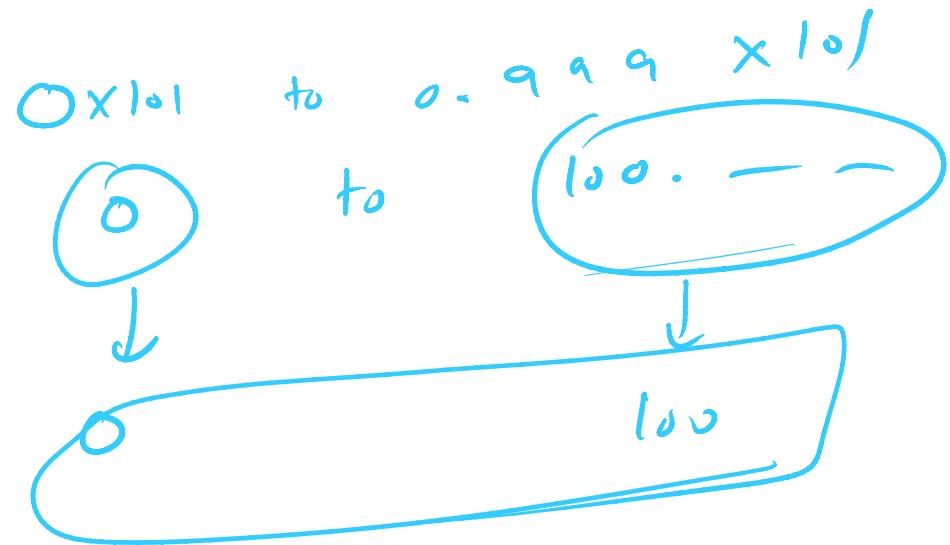
$$\begin{array}{r}
 0 \xrightarrow{\quad} 0.999 \approx 1 \\
 1 \\
 \infty
 \end{array}$$

$\frac{0 \rightarrow 0.499999}{\infty}$

$0.5 \xrightarrow{\quad} 0.9999 \approx 1$   
 $\infty$

$\downarrow$





barber2



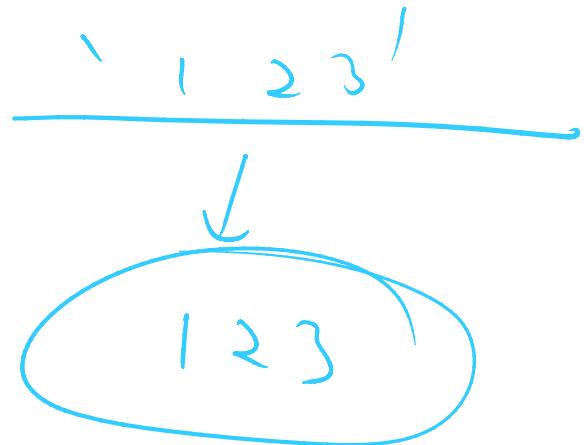
No      Security

new Date()

{  
    ↓  
    current date and time  
    in utc and pick it from your  
    system}

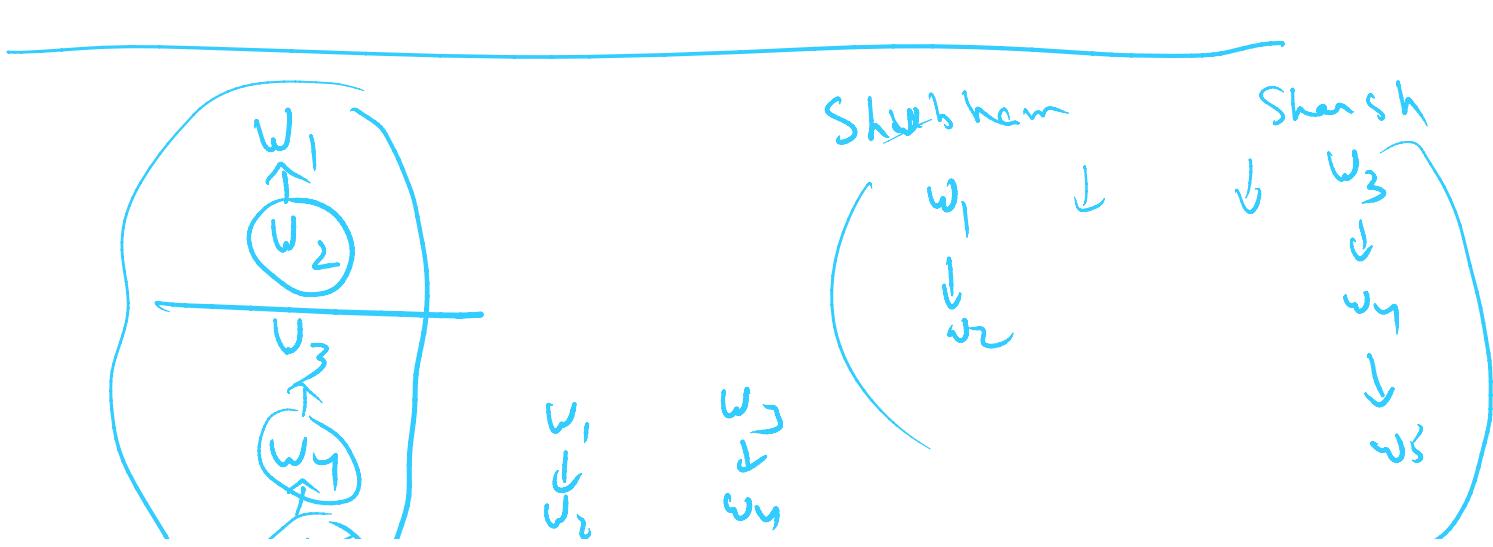
## Type casting

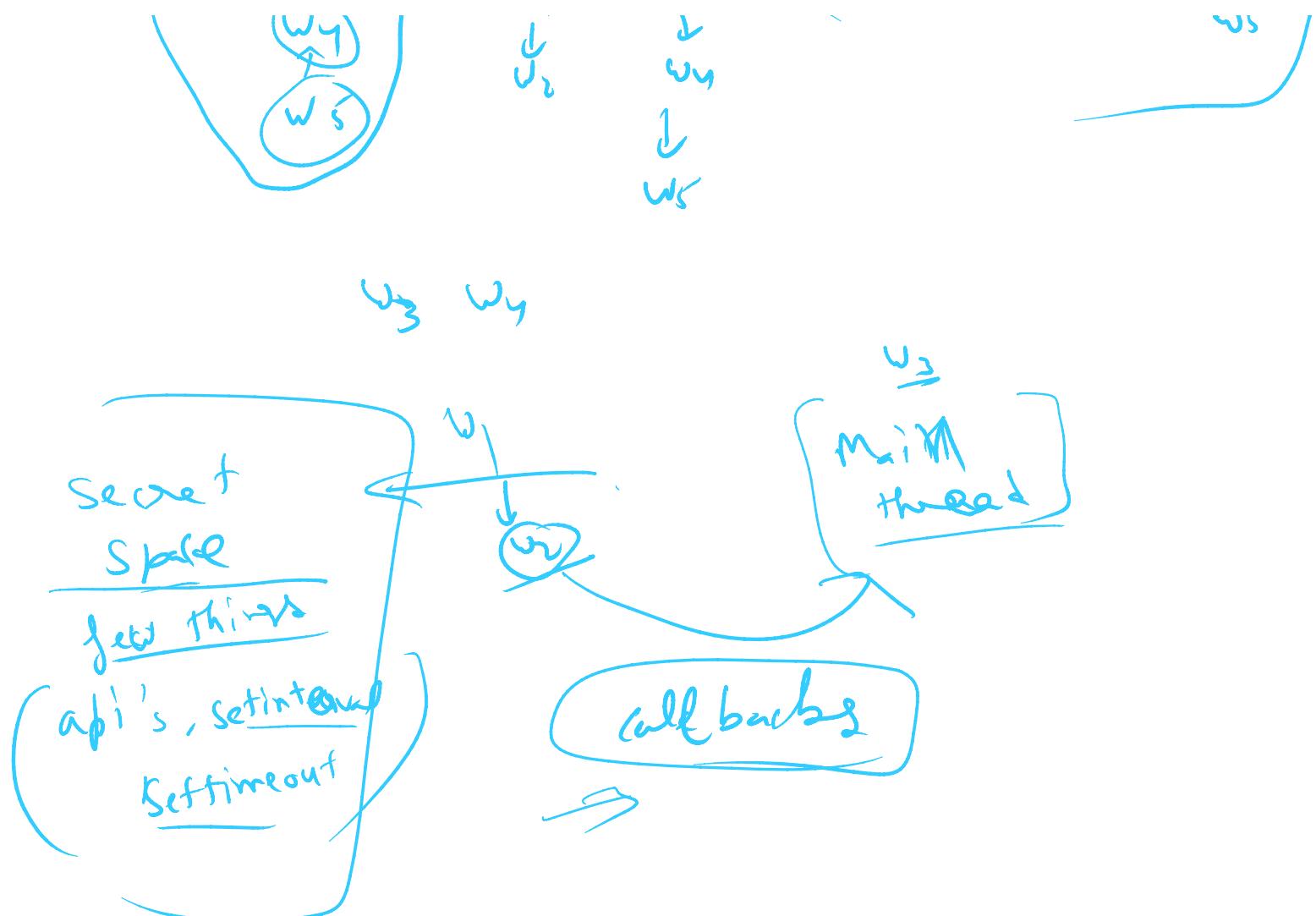
15 September 2022 21:20



Call back                                  high order function

high order function  
Function abc ( fun ) {  
    }  
    }





```

function w1 (v2) {
  console.log (w1)
  w1 works
}

v1

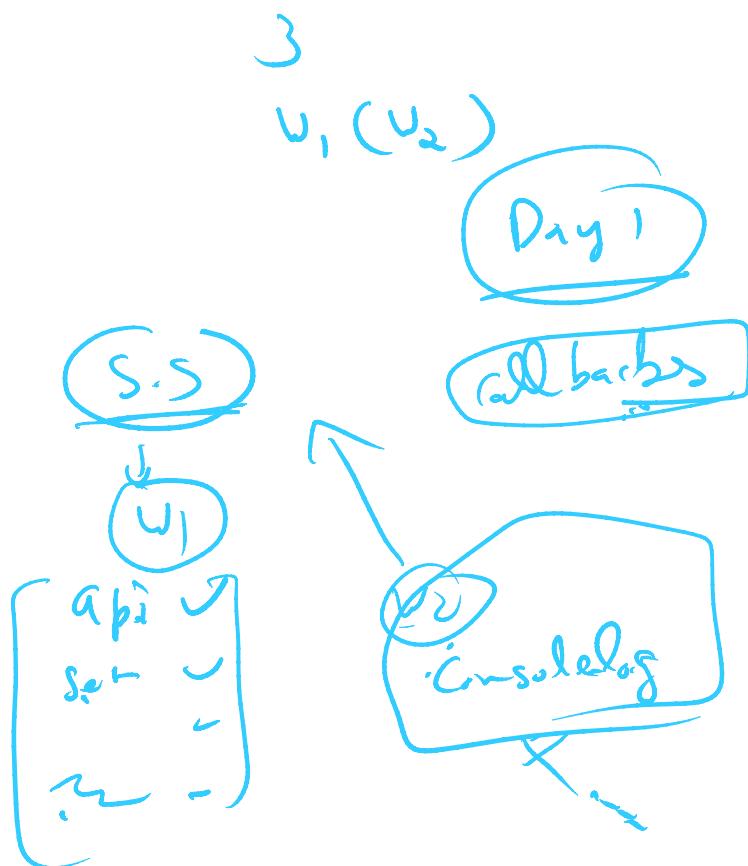
v2

function w2 () {
  console.log (w2)
  w2 works
}

v3
v4

```

$w_1$   
 $w_2$



function  
 ↓  
 passed  
 as  
 an  
 argument  
 to another  
 function

# setTimeOut

15 September 2022 21:48