Agenda of the class:

· Set Threout () method

· clear Temeout () method

· De bounding ?
· Throttling }

· Async I defer }

setTimeout -) if you want to perform some action after some delay.

set79m eout (\_\_\_\_, \_\_\_)

fune to be executed

delay in will seconds

Debouncing -> o technique to control the rate at which a function is executed ousing debouncing, a function is creclited after certain period of Inactivity

· Improves performance of your app.

```
function debource (func, delay) {
       let true Id;
       retur () $ }
             clear Timeout ( timer Id)
              HmaId = set limeout (1) ) {
                     func ();
               }, delay)
                                                  delay
                 time 1d
                                      Search text
                             (millica)
3
                    3
```

t=0 m t=10 mo t=20 mob

```
function throttle (func, delay) }
                        let flag = true
                        return () = {
                              of (flag) &
                                    fune ()
                                    flag = false
                                   set79meout(U))}
                                         flag = mu
                                   3, deley)
                 t
                                            flag
                        tent
                                  delay
                                            torce false
                                    3000
t=0 m
                                   2990
                                             false
                10
t=10 mo
telo mob
                                  2980
                                              folse
t= 3010 "___"
                3010
                                     3000
```