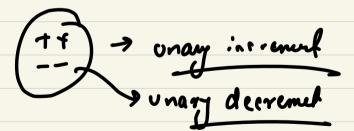
Unary Operators





increment first & ? increment by E then assign > prefix anary unany addition after assignment addution let a=10 1 et j = ++9; ich a =(v) y = a++ R) -> un first increment ->1) - me first assign value the value of a ky) of a to y. (i.e. old value) 2) - assign valung a a) increment a by 1. 04.

let a = lo; let / = a ++ : console.log (9,7); 10 (onsole. 101 (9, 3); 12 10

let 0 = 10; Console. 109 ++a; (on sole. loy (a, y)

it convert the variable into a + (unary plus) +2 rumber if it is not already a no. let x = "22"; it does it chays the original operand but lefy= +x; instead returns q converted typof y -Number valu 7 Shin type of 1

minu it also converte the operand to a no, but always make the result after regate it. let x = "22" let j= -x; (m. 109 /2, y)

Type of - sunay openede typeof x -> 'Number' let y = undfæd;

sprof y -> "undefined"

even if the condition is 00-while Loops false from stout only it well let y =10; Still eneute Body/6/01k of do mo. 7 ++> } while (y < 12); (on sole. log (y)

lef j = 10; while (y < 5) C y + +; consoledoj (y)

```
let y = 10; // y -> 15
do {
   y++;
   console.log("inside do", y);
} while(y < 15);
console.log(y);</pre>
```

let y= ((condition)? (expl) : (expl);

```
let y = ((10 > 5) ? (10) : (7));
                                                                         Errors Warnings
      console.log(y);
                                                                         >> ▶ let y = ((10
 3
                                                                             console.log(
     let x = ((10 < 5) ? (10) : (7));
      console.log(x);
 5
                                                                             let x = ((10)
 6
                                                                             console.log(
     let a = ((true) ? (2 + 3) : (2 - 3));
      console.log(a);
                                                                           10
 8
 9
     let c = 10;
10
                                                                            5
      let b = ((3 < 1) ? (2 - 3) : (++c));
11
12
      console.log(b);
                                                                            11
                                                                         ← undefined
```

Switch Case Switch (value or expression) 6 case valu 1: break is // 10g; C casa default.

Switch [value | expression) - whaten value or expression gets calculated, we can use that value & check for the case.

if un don't flut Grak, thur whaten care un hit, below Kut ever the gets eventud, till un let name = 'Ethkell' switch(name) { case "Sarthak": console.log("Working at Phonene"); break; case "Sanket": break with in console.log("Working at Google"); breake: a switch, they moment case "JD": console.log("Working at Microsoft"); au but the break break; default: Stalement, my console.log("Don't know the company"); 18 19

On Criven 3 no., a, b, c, which represent coefferent of a quadratie equ.

an2 46x + c. (assum real roots) find the roots of the quad ratic epi. $2x^2 + 5x + 3$ -3 ± 1 7 -3 ± \125 - 24 Hint: -> Math. sqrt(x);

$$\frac{0 \pi^2 + b \pi + c}{-b + \sqrt{b^2 - 4ac}}$$

$$\frac{-b + \sqrt{b^2 - 4ac}}{\sqrt{a}}$$

$$\frac{\partial a}{\partial a}$$

