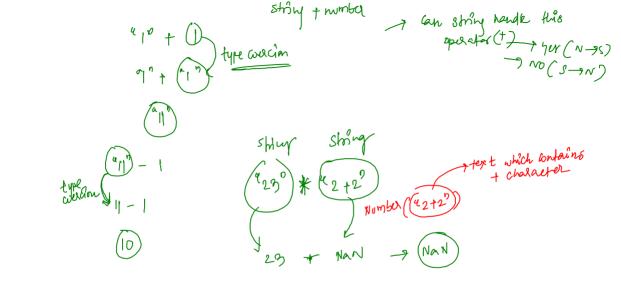
* Type conversion: - To convert the datatype of value to another datatype. - Number ("laborsy") - Nan - type of NaN - number type of wll - object * when our performing arithmetic operations Yw a and b always ensure that a & b - String (1257) - "1257" are number. Number («1257") - 1257 Boolean (o) boolean (undefined)
boolean (nul)
koolean (nul)
false boolean (as)

* string (+) number => string + (string) * Type Coercion: a 29" + (10) automatic type conversion by I's 429" + (10) + 5 | tyre acccion simple addition of strongs (concatenation) (2310) + (5) type become 2310 42310" + 5"



★ if-elx:

```
= " monday" (True)
      const day = "monday";
     if (day == "monday")
       console.log("I have to go to movie");
      } else {
       console.log("I do not know what to do");
                                                     day 2 . " morday" (true)
     if (day == "monday") {
       console.log("I have to go for shopping");
     if (day == "tuesday") {
                                                    day: 2 Tuesday > (False)
       console.log("I have an exam");
       console.log("I have to attend a wedding");
       console.log("I do not know what to do");
      console.log("outside if-else");
                                       mmediate/neard
& else is only executed if its (previous
          ordition is false.
```

"I have to go to movie"

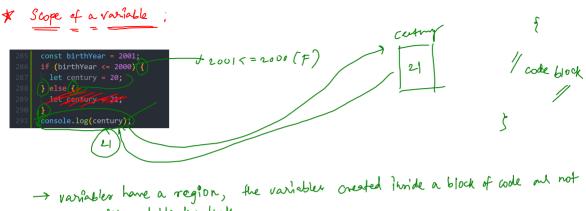
"I have to go tershoppy"

"I do not know what to do"

"noted if-else"

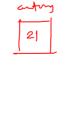
```
const dav = "tuesday":
                                             t day = 2 (monday) (False)
if (day == "monday") {
 console.log("I have to go to movie"):
} else {
  console.log("I do not know what to do");
                                             day in a monday of (False)
/if (day == "monday") {
 console.log("I have to go for shopping");
                                               dy or trusdays (Trus)
if (day == "tuesday") {
 console.log("I have an exam");
 console.log("I have to attend a wedding");
 console.log("I do not know what to do");
console.log("outside if-else");
```

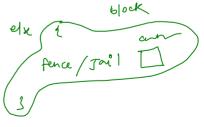
```
"I do not know what to do"
```



acceptible ortered the book







* else-if statement

```
const day = "menday";
                                                  y day = = "morday" (F)
if (day == "monday") {
console.log("Plan course structure");
} else if (day == "tuesday") {
                                                     Vday = c afmay " (F)
 console.log("Prepare for exams"):
} else if (dav == "wednesdav") {
                                                   Jdey 2 amd (F)
 console.log("Write examples for coding lectures");
} else if (day == "thursday") {
console.log("Watch recordings");
                                                  y deg = 1 thr" (F)
} else if (day == "friday") {
                                                  x ly = " (T)
console.log("solve assignments");
                                                                                       a solve arrighmens
} else if (day == "saturday") {
 console.log("Revise all notes");
} else if (day == "sunday") {
console.log("attempt contest");
 console.log("Please enter a valid day");
```

-> else if works some as else that nears you will go to else if only when its immediate previous if is false.

* logical operators;

A and B B

AND TRUE False

FALSE

FALSE

FALSE

the when all are true

consalabilité = des versteuse AND goodVinon

A and B => both statements should satisfy -> should be true



Can sagah drive

driverslicense good virian

- 1) Annag and rohan

 we golfy to a marie

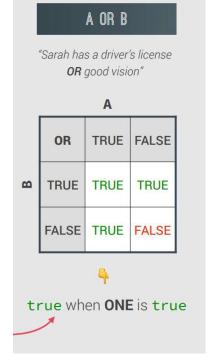
 2) Annag or Rohan

 are golfy to a >> T

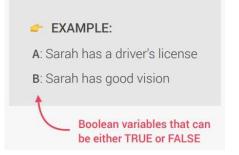
 are golfy to a
- movie

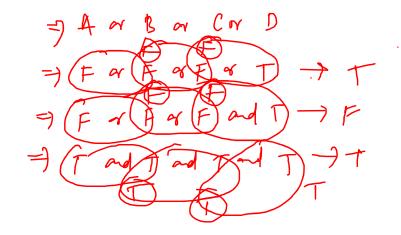
Akram _____ therpe

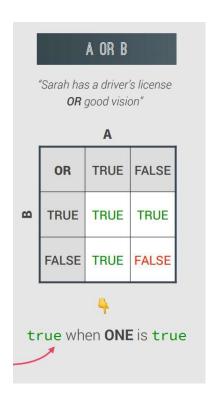
Anne, Rober)



A or B - either one of the statement should satisfy =) adjust one statement should be true









NOT (false) - + true

