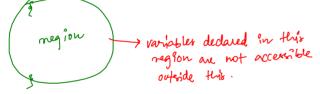
* If -else statements - we have to take degistory based atleast on something/value -> Control structures sorry cannot Can get (It is controlling the get License License flow of program) If (condition) condition it will not go Inside 90 ×

if (andition) 1 else of condition go ivide FX 90 inside go înside else ip V



→ Centing variable is born inside if statement hence it is available in that region only.



when Is doesn't know about some variable it gives an "Reference From"

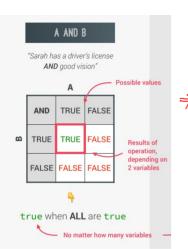
```
* Experimenting with it - else statements
       const day = "wednesday"
       if (day == "monday") \
                                                                             if (day == "monday").
         console.log("I have to go for a doctor appointment");
                                                                              console.log("I have to go for a doctor appointment");
       if (day == "monday") 🔨
                                                                             if (day == "monday")
         console.log("I have to fo for shopping");
                                                                              console.log("I have to fo for shopping");
       if (day == "tuesday")
                                                                             if (day == "tuesday") \
         console.log("I have an exam");
                                                                              console.log("I have an exam");
         console.log("I have to attend a wedding");
                                                                              console.log("I have to attend a wedding");
       } else {
         console.log("I dont know what to do")
                                                                              console.log("I dont know what to do")
        const day = "monday";
                                                                             const day = "tuesday":
       if (day == "monday")
                                                                             if (day == "monday") {
         console.log("I have to go for a doctor appointment");
                                                                               console.log("I have to go for a doctor appointment");
                                                                             } else {
         console.log("I dont know what to do");
                                                                               console.log("I dont know what to do");
       if (day == "monday")
                                                                             if (day == "monday")
         console.log("F have to fo for shopping");
                                                                               console.log("I have to fo for shopping");
       if (day == "tuesday") {
                                                                             if (day == "tuesday"), {
         console.log("I have an exam");
                                                                               console.log("I have an exam");
         console.log("I have to attend a wedding");
                                                                               console.log("I have to attend a wedding");
```

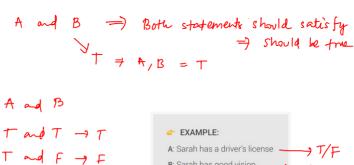
→ always else is attached with nearest if, you can use as many if statement you want without using else, but without if you cannot use an else statement.

```
const day = "monday";
if (day == "monday") {}
  console.log("Plan course structure");
else if (day == "tuesday")
  console.log("Prepare for exams");
else if (day == "wednesday"
  console.log("Write examples for coding lectures");
else if (day == "thucsday") {
  console.log("Watch recordings");
else if (day == "friday") {
 console.log("solve assignments");
else if (day == "saturday") {
  console.log("Revise all notes");
else if (day == "sunday") {
  console.log("attempt contest");
```

```
* else "if
```

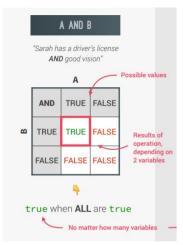
- o works some as else statement but it also checks for condition
- -> same as else it is attached previous if statement.





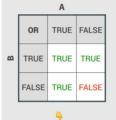
F ad F -> F







"Sarah has a driver's license OR good vision"



true when ONE is true

A or B or C or D

F or F or F or T

A T and T and T and T

T and T and T and T

T

A or B -> either one of them
Should sattisfy

=> afleast one statement
Should be true.

FXAMPLE:

A: Sarah has a driver's license

B: Sarah has good vision

 Boolean variables that can be either TRUE or FALSE $T \sim T \rightarrow T$ $F \sim T \rightarrow T$

Tar F - T

Fa F -> F

Amra and Rah) are going to a movie

reg (or) Rah) at going to a $\rightarrow T$

John, either one of them

