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BREAK

if (condition) & - t we have to take decision based upon 1* block some values/variables -> control structures else 9 (It is handling the Can get How of program) Gense License condition If (condition) { Condition it will not go

* Experimenting with if -else:

-> Always an alse is attached with nearest if, you can have as many if statements you want will short any alse, but you cannot use else without an if statement.

```
* else-if
```

```
const day = "abcdef":
+if (dav ==""mondav") {
   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 == "thursday") {
  console.log("Watch recordings");
 } else if (day == "friday") {
  console.log("solve assignments");
 } else if (day == "saturday") {
   consol 2.log("Revise all notes");
 } else/if (day == "sunday") {
   console.log("attempt contest");
   console.log("Please enter a valid day");
```

→ works ar else but it has a condition ansociated.

-> centing variable is created hard if - else statements hence if is available in those regions only.

```
402  // scope

403  // scope

404  let century;

405  if (birthYear <= 2000) {

406  | century = 20;

407  } else {

408  | century = 21;

409  }

410  console.log(century);
```

```
region
```

→ variables created in this region are not acressible outside:

T when Is doesn't know about some vaulable if giver akefuence Gross? . Not defined

vadagle is variable itself empty is not created (it is a)

```
(short hand if ehr) if else

(condition)? Statement > ; statement y

true folse
```

```
411 // Ternary operator
const age = 22;

413 | f (age >= 21) {
414 | console.log("You can drink alcohol");
} else {
| console.log("You cannot drink alcohol");
}

418 |
419 | age >= 21 |
| console.log("You can drink alcohol");
| console.log("You cannot drink alcohol");
| console.log("You cannot drink alcohol");
| console.log("You cannot drink alcohol");
```