	is not a good phartine >	
	Control flow or logic flow in Jova Script	
	( bolomoe > 500) comsole leg ("test");	
	we don't want the full code to alway run. so we	
	make specific conditions that if that is true	
	only them rum the code	
	Lineblanced Too 1312 Letterand 14 . Olgan	
	if (condition) &	
	("test") pol alexano (ood < annolad) (i)	
	console log ("test?");	
	The code in if condition only get execute when	
	condiction is true and design that radingman	
	you can also directly pass true or false.	
	now there are some operators to check conditions	
	<, >, <= , >= , != , (==) , (!==)	
	This check the type as well	
	ar ar	
The second secon		

lodele

now there is else as well, it is used when you want something to execute when if condition is false.

const temprature = 41
il (temprature < 50) {
 console log ("less tham 50");

Felse & console log ("temprature is greater than 50");

you can do the same using implicit scope but never prefer that because that make a messy code and is not a good practice >

onstruction of short line of the transfer of the state of

in the implicit scade the scape is justified using ";". You can add multiple lines as well.

if (balance > 500) console log ("test"), console log ("test 2");

Remember that never use this approach.

The right some it condition is confus get execute

11011 6000 04	
you can also check multiple conditions using	1
else if >	
court halance - 1-	
2000	
il Chalance < 500) S	
console.log (" less than 500");	10
3 Less than 500 J	
else if (balance < 900) &  console log ("less tape than 900");  else &	
console los ("less topo than 900"):	
24 24 CHOW (30 33	11
0/10 \$	1
else & console log ("less than 1200");	1
console log c less than 1200");	
	1
E = dimpon timos us	le la
To check multiple conditions in one if condit	iom →
Case I:	
const userloggedIn = true 1) al alama	
const debit (and = true	
CO162:	
if CuserloggedIn 22 debit (ard) &	
console log ("Allow to buy course")	
2	
conside beg ("Manch");	
2k -> And	
11 → on thunks	
conside log ("Please enter a notid month"	37
Sheds;	
	\$

eg > const month = 3

Case 1:

console. log (" Jamuary");

break;

console. log ("Feburary");

console. log ("Feburary");

Switch conditional statement

Syntasc>

switch (key) &

case value:

default:

break;

break;

case 3:

console log ("March");

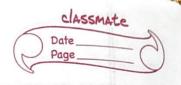
break;

default:

console log ("Please ent

console log ("Please enter a valid month"); break;

1	
	Truthy and fally it widnes and on it should st
	Till mow we have been checking strictly that the value is true or false. There is another way of doing the same by using truthy or falsy values where just having value will mean true or false.  const user&mail = "v@ vasu.ai"
	if (userEmail) & console log ("Got user email");
	console log ("Got user email");
	else Emilebras albord et has l'arrettande sint
	console log ("Don't have user Email");
	Thou I work ways a hours of a stout you then
	Output > Got user email
	Ellow toll (is
	falsy values > false, 0, -0, BigInt on, "", null,
The second second	undefined, Na N
Section of the second	Every thing except these are truthy values.
The state of the s	Some thirth values of last in the
	with Funct
	space than told the
	the court of the state of the column = 10 mil



	have empty object or array?
To check if we	have empty object of the

- i) const user Email = []
  - if (user Email length = = = 0) {
- (ii) const emptyaly = {} if (alject·keys (emptyaly). length ===0) {} 2

## Nullish Coalescing Operator (??)

This operator is used to handle undefined and null values and is underly used when working with database especially when you don't want any null value.

- is let vall;
  vall= 5?? 100 tomora (and examine pulat
  - Output > 5
  - af there is no null value it's default behaviour is it will take the first value.
- vall = mull ?? 10
  - Output > 10



@ while loop-

Syntage = 10 from dilion of the west of the (iv) vall = mull 22 10 22 20 to be the many one thank of the inchement of the Output > 9100 901 9 biani es doinou constibues sattle ega letaindens sous partel ega Termary Openator 7 (01=> maboni) gliden console log ( volue of inder is time Syntax -> condition? true: false mede lancourse 3 122 2000 const ice Tea brice = 100 iceTeabrice >= 80? console log ("less than 80"):

console log ("greater than 80") to Don't confuse it with nullish coalescing operator. (moitibone) stidus

uii) vall= undefined 22 10