#4

[2:04:20]

//_

CONTROL STATEMENT AND LOOPS • IF. ELSE · Switch Statement · Whill Loop · Do-While Loop · For Loop · For in Loop · For of Loop · Conditional (ternary Operators #IF-Else Truth . The It statement is frue the show if statetment Falsy . If Conditions is false then another Statement executed. If raining = raincoat else no romoct Var toms = train; if (tooms == rain) 5 ns == rain } {

consolelog (take a rain (oct /); else { console. log ('No need to raincoct'); > Write a programme that works out whether if Leap year mean - 366 days HOW YOU KNOW I Amy year exactly divide by 4 X Any year exactly divide 400 4 not divide by 4 ex - 2100, 2200 Exapt it con exactly divided 400 ex - (2000, 2400) Programme Vous year = 2020; if (year ===0) f console.log (i) if (year 1.100 ==) { if (year / 4 too = == 0) & Const. log ("leap year") Console log ("not leap) Consile log ("not leap");

_

programme: Vote are eligible Ternory operated var age = 17;

consale.los (age => 18)? " you can yote": "you con't , vol"); * three operand = You con't vate * If-else - Shorker path 3 # Switch Statement (In iput) A switch statetement use any value given then result is another given then ex = only one type - circle, triangle, rectangle Difinitions:

Progri Var area = "circle"; Var PI = 3.142, l=5, b=4, n=3; Switch (area) of Case 'Circle': console log (" Area of circle: "+ PJ * 1 * 42) WHO Cax triongle: Consale. log ("Area of triangle is: "+ (1*b)/2); Case 'rectangle'; break; Cass defult; consele. log ("enter valid dock");

1	1	
/	1	

break used
Terminate the current loop, switch
On label Statetiment and transfer
· Programme control to the statement
following the terminated statement.
A CONTRACT TO THE SECOND TO TH
4# While-loop
A Statement create a loop the
create as along test condition
evaluate true.
Programme > print to 1 to 10 number
Var num = 0; (Minititizer)
Var num = 0; (Vinitilizer) while (& num <= 10) (Vondition)
(Ilplack) 2
(Iblock) (onsole.log (num); Minfinite loop Scope) num++:
3 cope 7 num++; -> /(itherete)
ex-
S# Do-While Loop
SH DO VOIGH LOOP
Var num = D;
do f Console. Log (num);
Mum ++ 1
y Minfinite loop
while [nam <= 10]

While loop differen Do-While loop;

In while loop first condition check then
execute. · In Do-While loop first execution the check fust Syntax for (initializer; condition; iteration) 11 Code execute for (var num = 20; num < 10; num++) Console. log (num) All Doubt clear