Os Criven & numbers, a and b, calculate the LCM of the 2 numbers. [LCM -> least common multiple). We already know how to cake Ez > [Q = 9 b= 12 the ged/hef. ano > LCm - 36 $G \rightarrow gcd$ of Cc,b $L \rightarrow Lcm$ of A,b Qxb = Gc

 $1cm = \frac{qxb}{G}$

g ed (9,5)

 $\lambda(m(q,b) = \frac{q \times b}{q \operatorname{cd}(q,b)}$

On Given a number x, check if the 10. is a falundrome or not.?? NAMAN 141 161 - yes 7 900

"hello" "world" What is a String? -> It is a collection of chars. In JS we can individually acress chans of a string chars — h e l l o

indenes — o 1 2 3 4 — indenes act as a pos

1+ is a unique mapping for all the chars of string to a

unique no. the indenes in 15 starts with 0. _ indenes act as a position

Chars -> World

1 1 1 1 1

indexe > 0 1 2 3 4

let Sto = "microsoft"; if we know the indep no can extract but let ch = Str[6];
ind the chave SHELL let m = 24 (2); Variable

14541 Numbers connot be trouved -> "14541" -> 14541 1t num= 14541; 1492470

index if (sw[i] == sw(j)) (

347 inder -> while (i'<=j) (if (skli] == sklj]) (else L return false;

Don Criven a decimal nuber 2, convert it into a binary number. Lue can return it is a form of a strip" 6 x=5 0050 101 2= 15 ans - "1111"

000 1 -1 00 1 2 - 0 10 3 -0 11 4 - 100 2 -101 6 -110 because 5 is odd it does it matter what we the remaining bits, but the last bit

$$\begin{array}{c}
15 \\
15 \\
2 \\
3 \\
3 \\
11
\end{array}$$

$$\begin{array}{c}
3 \\
2 \\
11
\end{array}$$

whatever no. we have, we can check if the no. is odd or even. based on this w can delect the last. can be calculated Now the remany bits vs.'g no./2 valus.







