Conversions

25-12-6-3-1

10011

Decimal to binary

Step-1-take 2 variables to store the values take another variable to store

Step-2- number should be greater than 0:

Step-3-number%2,number%8,number%16

Step-4-store the value in the other variable

Step-5-print

let decimal = 42;

let binary = "";

while (decimal > 0) {

let remainder = decimal % 2;

binary = remainder + binary;

decimal = (decimal - remainder) / 2; }

console.log("Binary:", binary || "0");

25-8

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Decimal to octa

Step-1-take 2 variables to store the values

Step-2- number should be greater than 0:

Step-3-number%8

Step-4-store the value in the other variable

Step-5-print

25

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Decimal to hexadecimal

Step-1-take 2 variables to store the values

Step-2- number should be greater than 0:

Step-3-number%16

Step-4-store the value in the other variable

Step-5-print

Binary to decimal

Step-1-Let take a binary number

Step-2-Take the length of the number

Step-3-