**How to convert number to hexadecimal:**

1. Divide the number by 16 and write down the remainder (which will be a single digit in hexadecimal, either 0-9 or A-F).
2. Divide the quotient from step 1 by 16 and again write down the remainder.
3. Continue this process of dividing by 16 and writing down the remainder until the quotient is zero.
4. Write the remainders in reverse order to get the hexadecimal representation of the original number.

**Convert 45 to hexadecimal:**

45 ÷ 16 = 2 remainder 13 (which is D in hexadecimal)

2 ÷ 16 = 0 remainder 2 (which is 2 in hexadecimal)

Reading the remainders from bottom to top, we get 2D as the hexadecimal representation of 45.