101011 (binary)

from right to Left

$(1\times2^0)+(1\times2^1)+(0\times2^2)+(1\times2^3)+(0\times2^4)+(1\times2^5)$

$1+2+0+8+32$

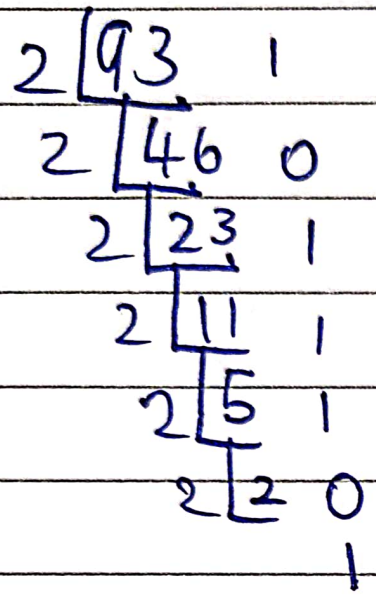
$\Rightarrow 43$ (decimal)

$43 \div 16 \Rightarrow 2$, remainder $= 11$

11 corresponds to B

so $\Rightarrow$ 2B (Hex)

93 (decimal)



=) "1011101" (binary)

93 ÷ 16 =) 5 remainder: 13

13 corresponds to D

=) 5D (Hex)