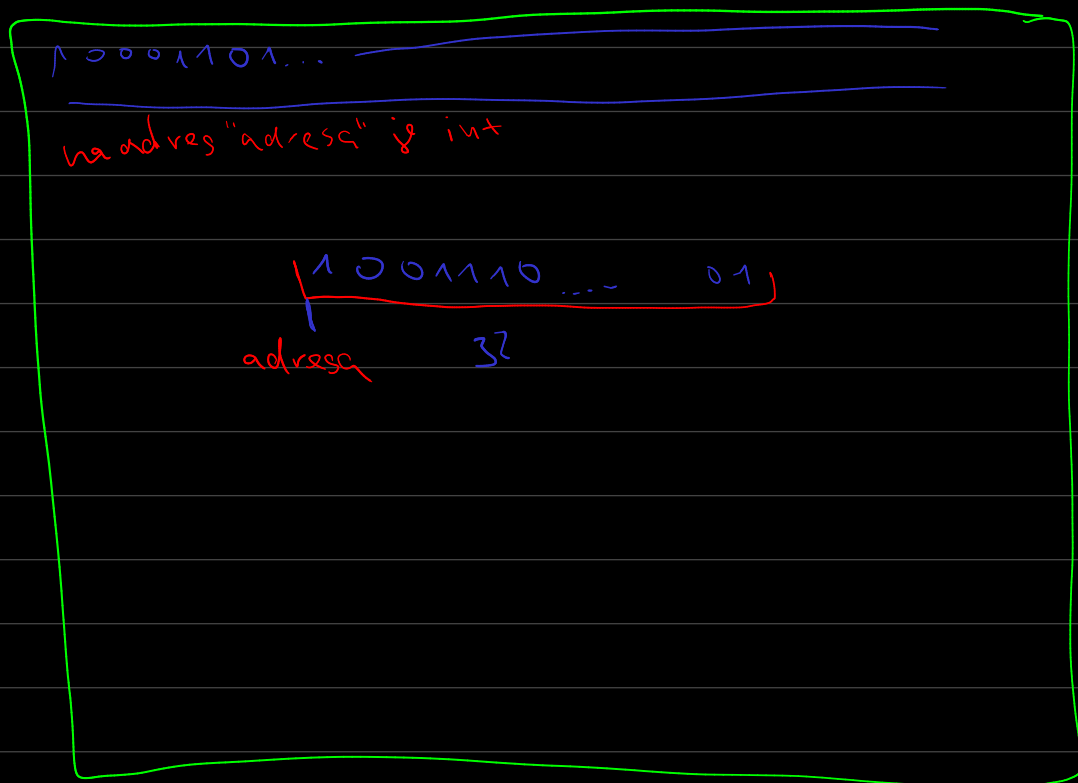


# 1. lekce

reprezentace datových typu v pameti



ciselné soustavy

1253

1000 100 10 1

$10^3$   $10^2$   $10^1$   $10^0$

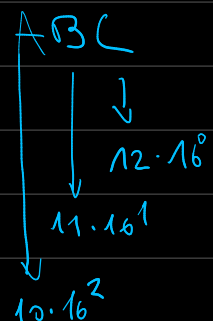
$8^3$   $8^2$   $8^1$   $8^0$

$$3 + 40 + 128 + 512 = .$$

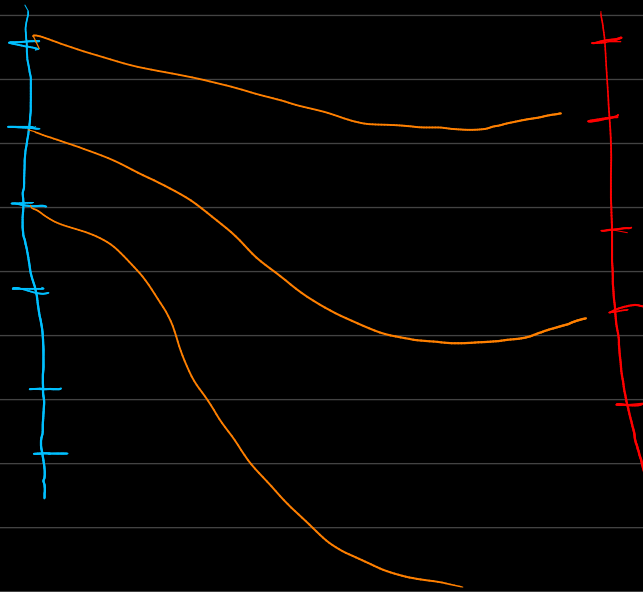
1101

$$2^3 2^2 2^1 2^0 = 1 + 0 + 4 + 8 = \underline{\underline{13}}$$

hexadec: 0, 1, ..., 9, A, B, C, D, E, F



## 2. lekce



$\nwarrow \nearrow$   
 $0001 \quad 1010$

$0110 \quad 1100$   
 $\downarrow \quad \downarrow$   
 $6 \quad C$

Unicode

UTF-8

$\# \rightsquigarrow 10430 \rightsquigarrow \begin{matrix} 0101 \\ 1010 \end{matrix}$   
 $149010 \quad 1x90/x-$