

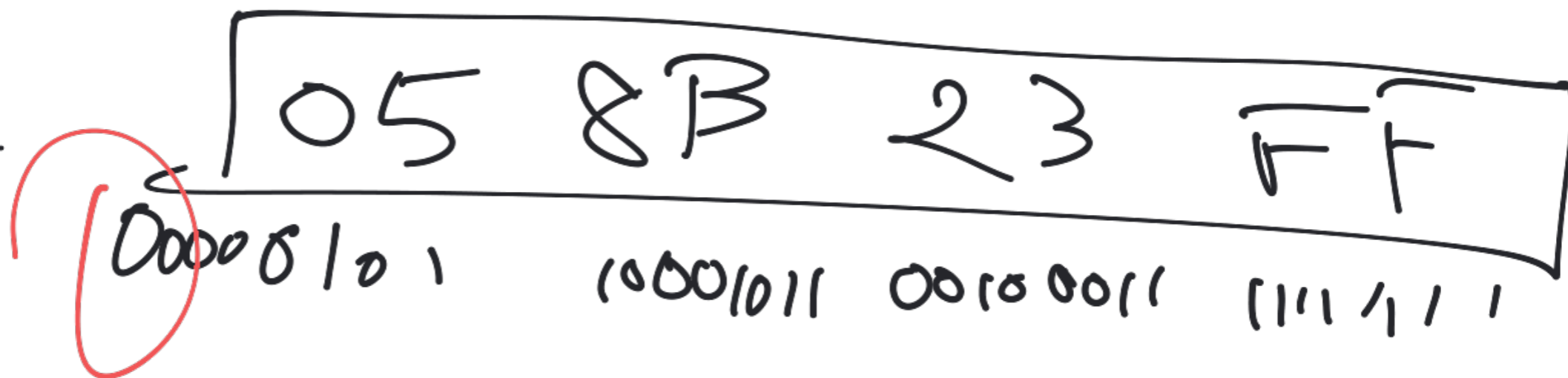
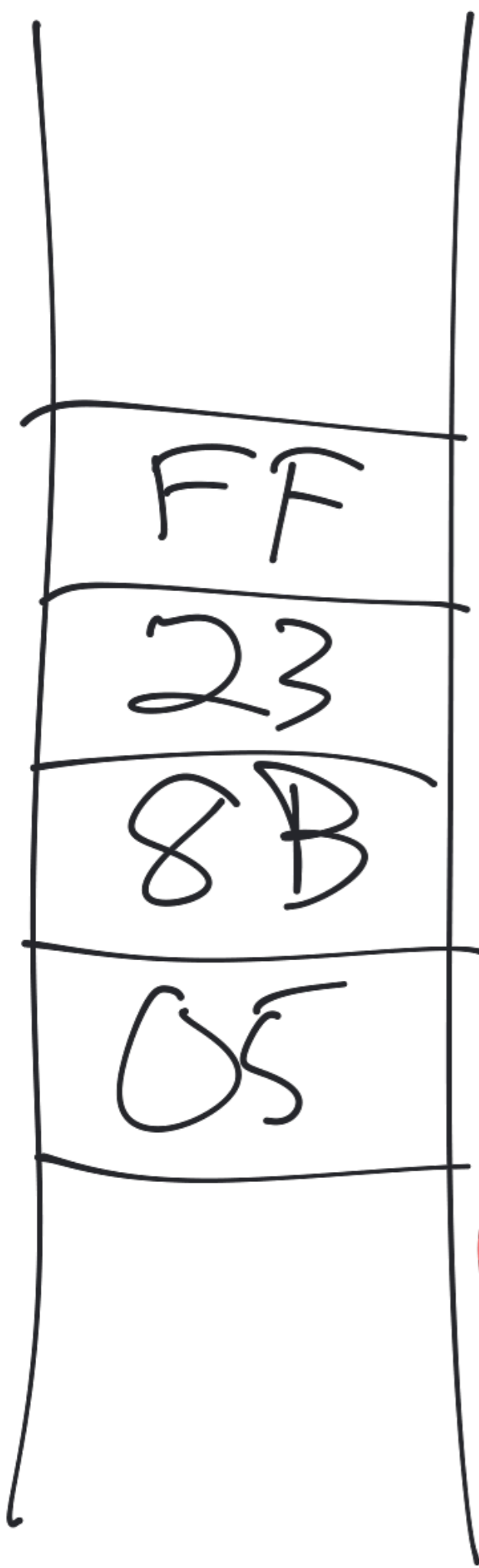
CS 2008

Wednesday

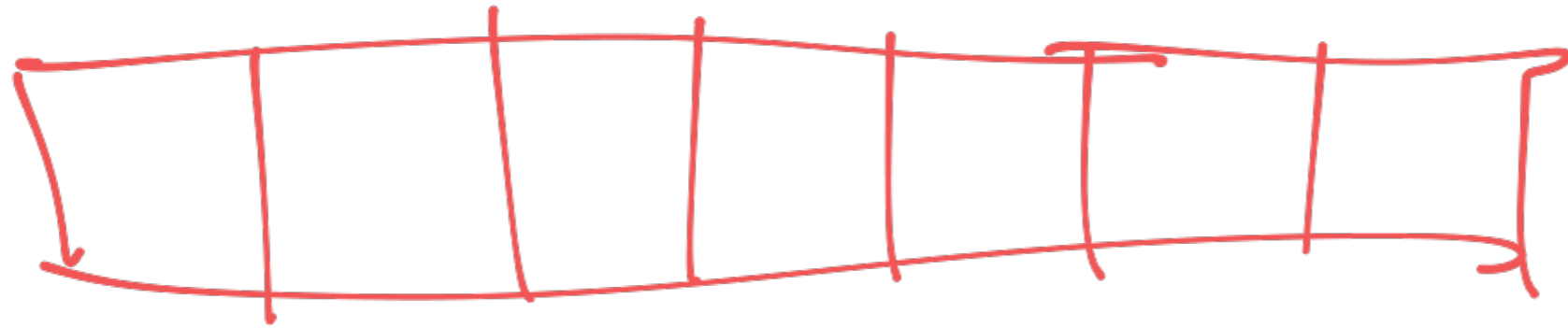
19 Jan

2022

What is this



7 bits



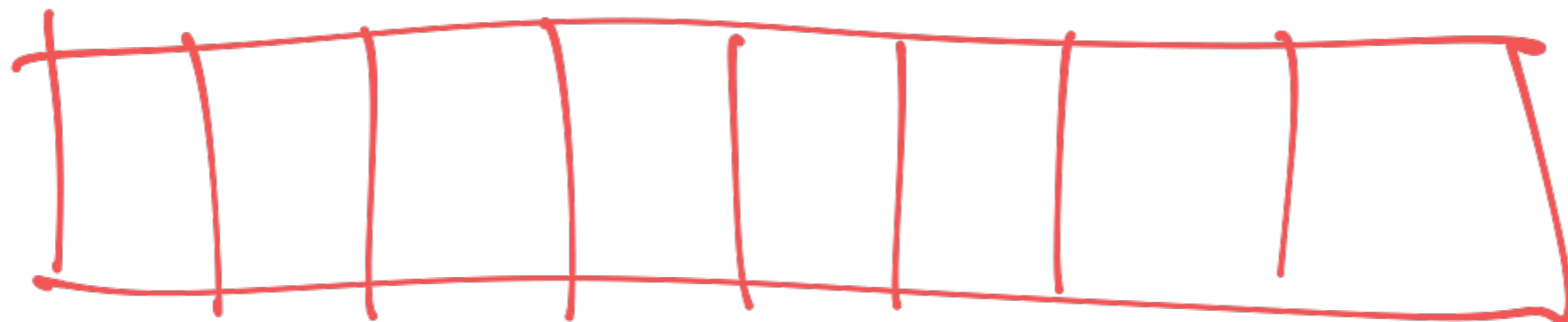
128 (2^7) bit patterns

0000000



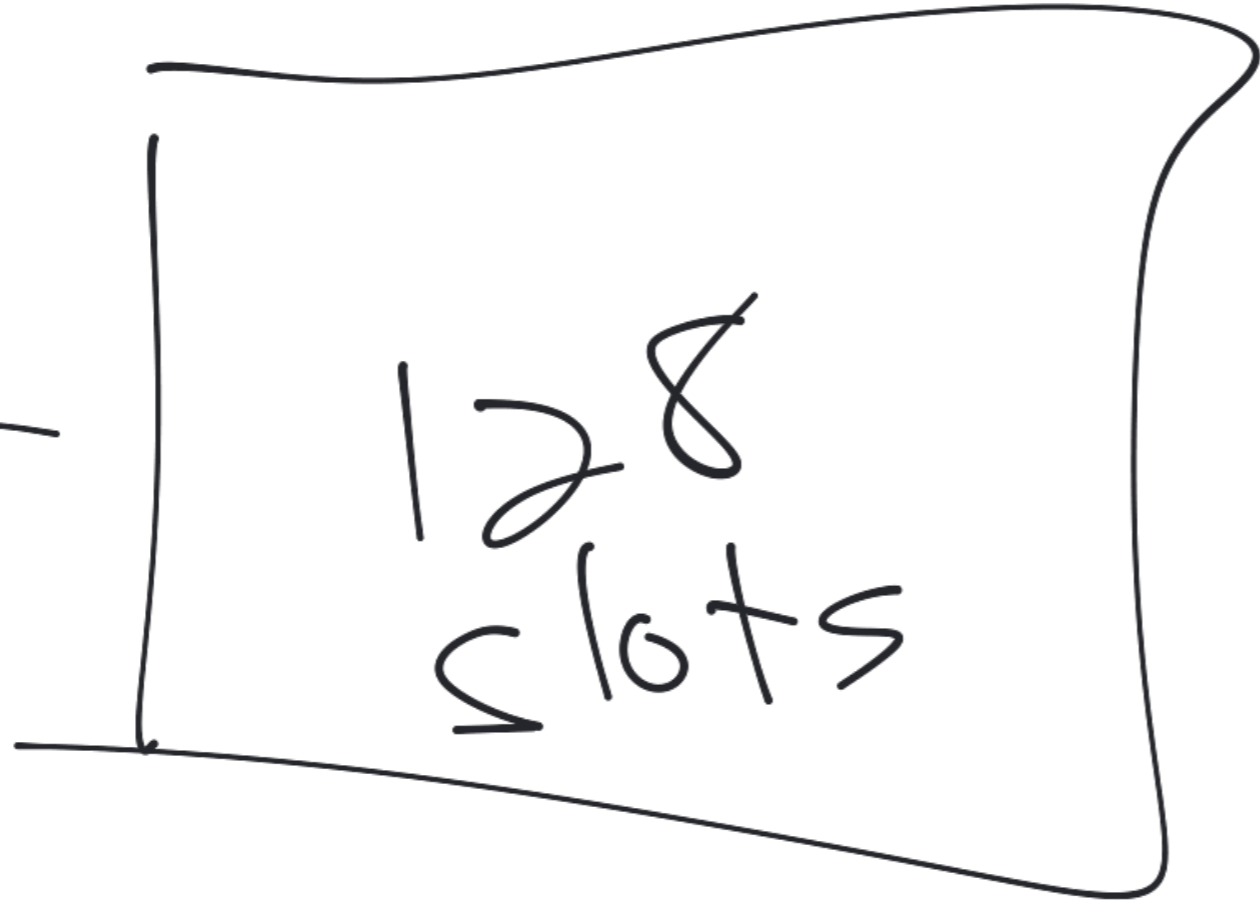
1111111

8 bits



256 (2^8) bit patterns

1962



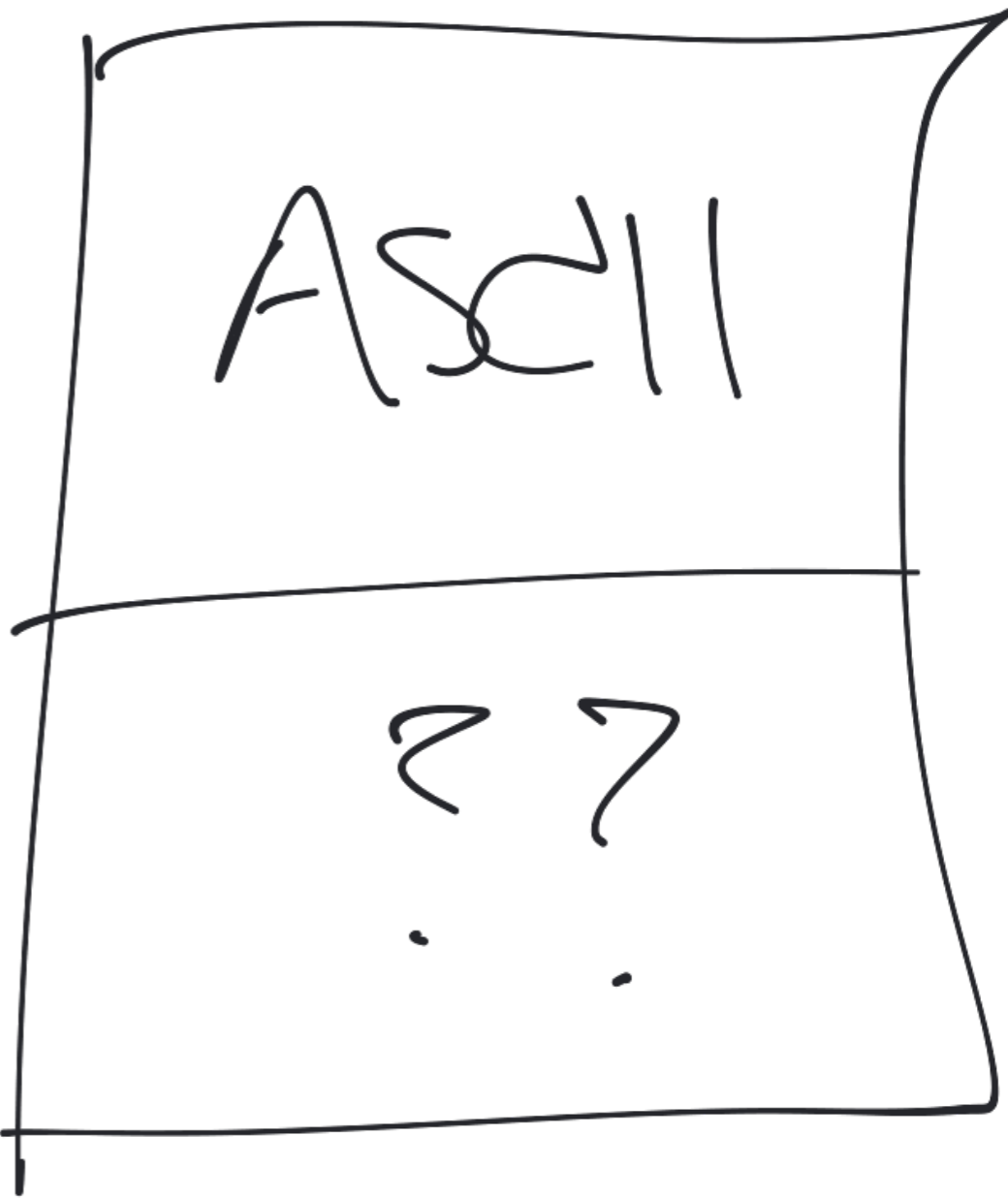
ASCII

1980

Apple II
IBM PC

bytes

8 bits



Cyrillic

U+04XX

Z . . .

xy

→ U+X[√]Z -

II cyrillus

N + 041F

0000 0 0000 1111

110 1000

D 0

10 01111

9 F