

Huffman

ABRACADABRA

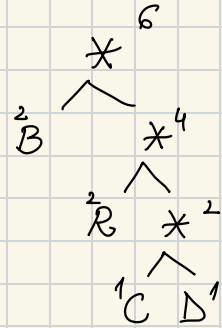
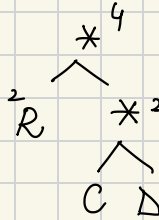
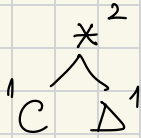
A - 5

B - 2

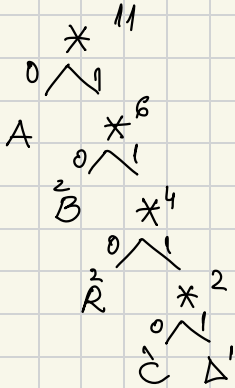
R - 2

C - 1

Δ - 1



⇒



⇒

A - 0

B - 10

R - 110

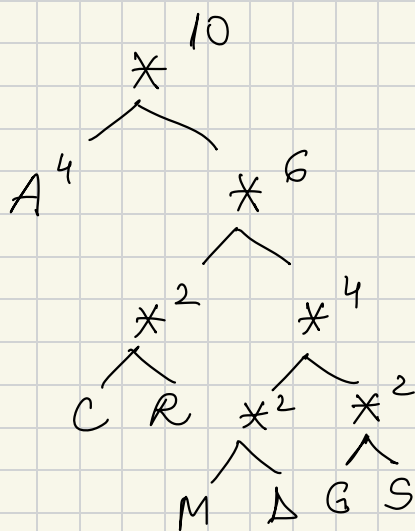
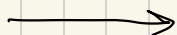
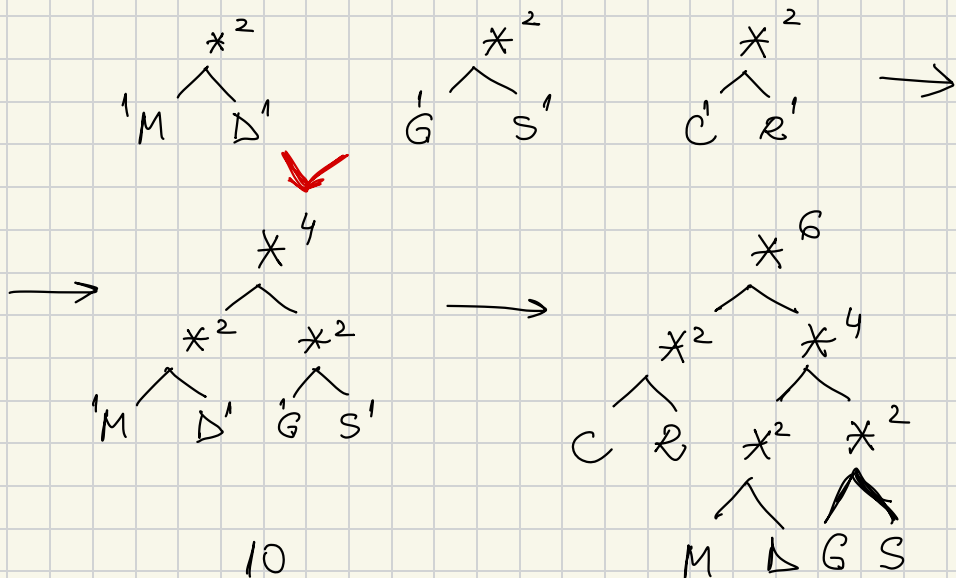
C - 1110

Δ - 1111

$$\begin{aligned} \Rightarrow \text{bits} &= 5 \cdot 1 + 2 \cdot 2 + 2 \cdot 3 + 1 \cdot 4 + 1 \cdot 4 \\ &= 9 + 6 + 8 \\ &= 15 + 8 \\ &= 23 \end{aligned}$$

MADAGASCAR

M-1
A-4
Δ-1
G-1
S-1
C-1
R-1



RA ΔIOREPORTERILOR

R-5 E-2

A-1 P-1

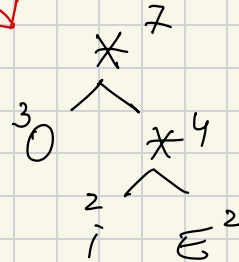
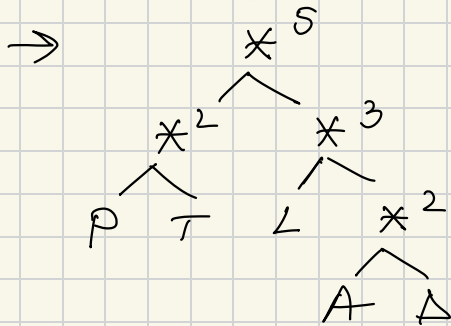
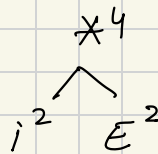
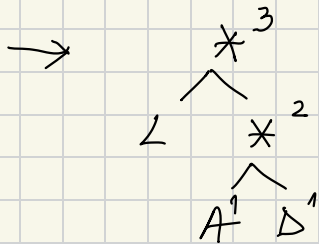
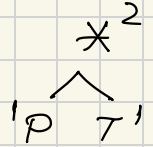
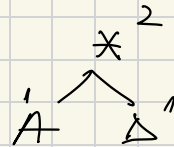
Δ-1 T-1

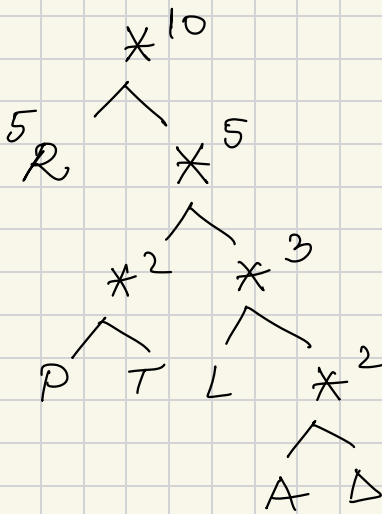
i-2 L-1

O-3

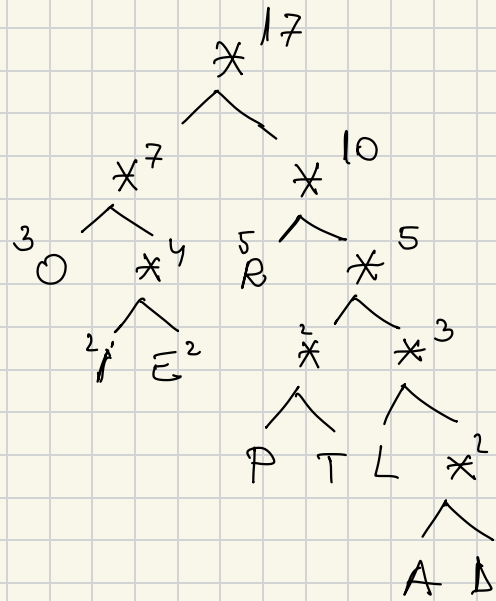
→ A Δ P T L i E O R ⇒

1 1 1 1 1 2 2 3 5



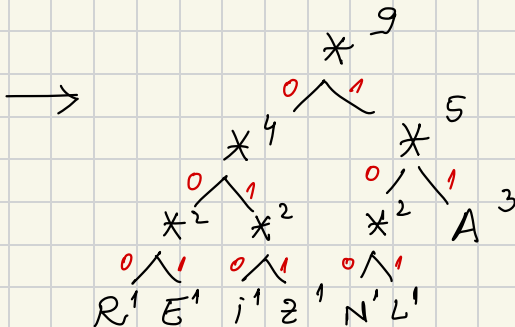
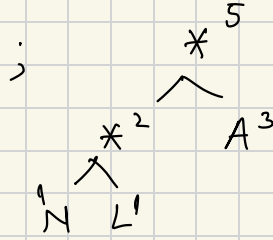
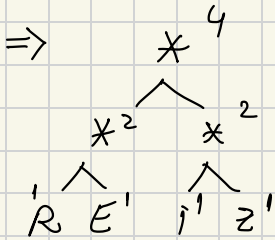
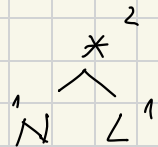
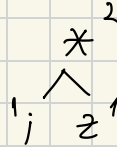
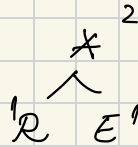


→



ANALIZARE

$A-3$ $z-1$
 $N-1$ $R-1$
 $L-1$ $E-1$
 $i-1$



R - 000

A - 11

E - 001

N - 100

I - 010

L - 101

Z - 011

\Rightarrow mr. biti : $1 \cdot 3 + 1 \cdot 3 + 1 \cdot 3 + 1 \cdot 3 + 3 \cdot 2 + 1 \cdot 3 + 1 \cdot 3$
 $= 24$

INDISTINCTIBILI

I - 6

T - 2

N - 2

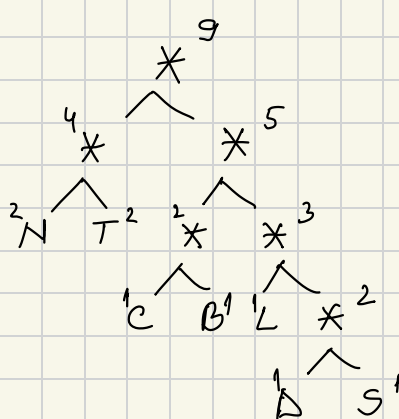
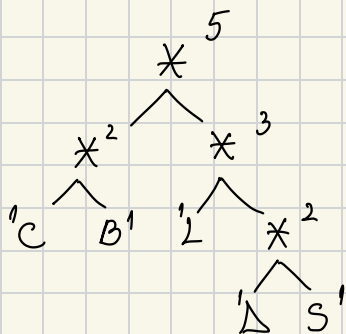
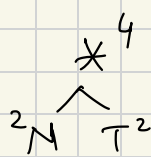
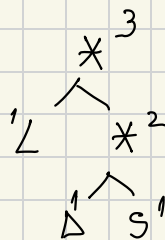
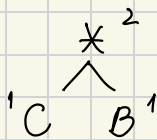
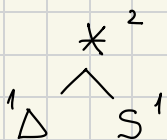
C - 1

Δ - 1

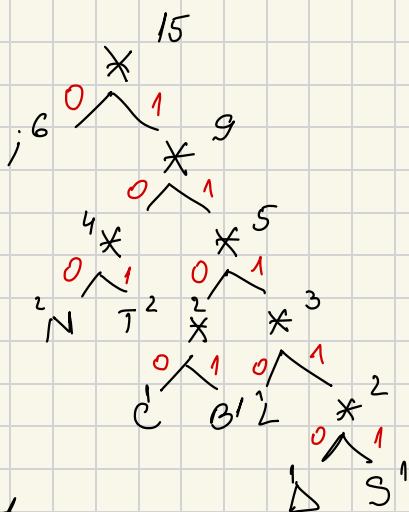
B - 1

S - 1

L - 1



→



i - 0
N - 100

T - 101

C - 1100

B - 1101

L - 1110

Δ - 11110

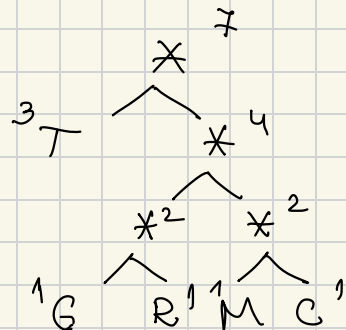
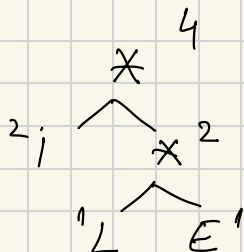
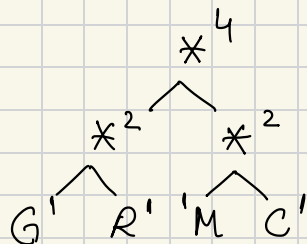
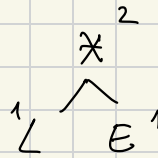
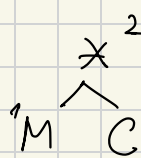
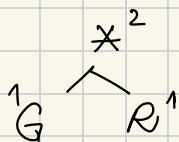
S - 11111

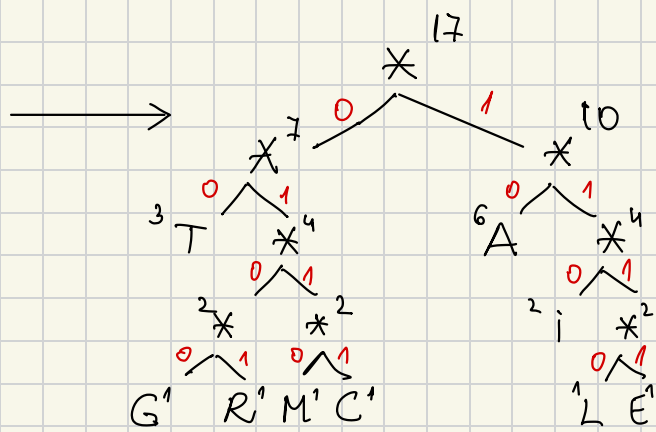
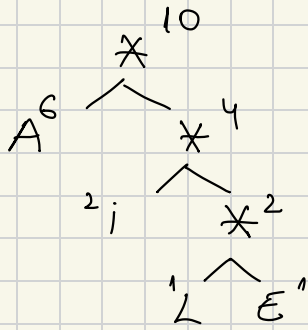
$$\Rightarrow \text{nr. bits} = 6 \cdot 1 + 2 \cdot 3 + 1 \cdot 5 + 1 \cdot 5 + 2 \cdot 3 + 1 \cdot 4 + 1 \cdot 4 + 1 \cdot 4$$

$$= 28 + 12 = 40$$

AGRAMATICALITATEA

A - 6 i - 2
G - 1 C - 1
R - 1 L - 1
M - 1 E - 1
T - 3



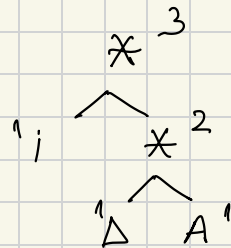
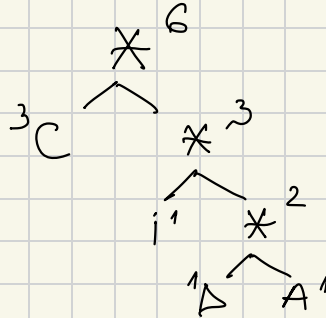
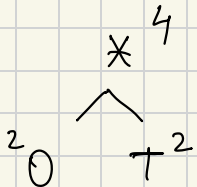


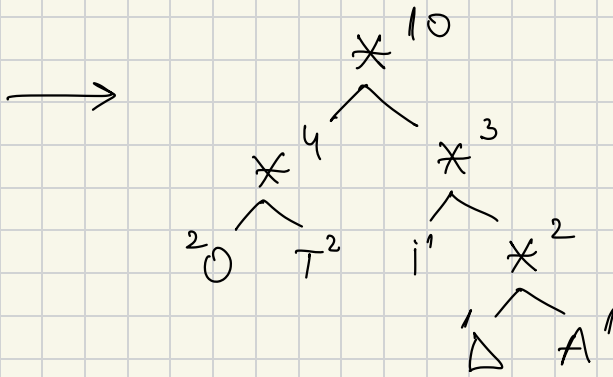
T-00 A-10
 G-0100 i-110
 R-0101 L-1110
 M-0110 E-1111
 C-0111

$$\begin{aligned}
 \text{bits} &= 3 \cdot 2 + 1 \cdot 4 + 1 \cdot 4 + 1 \cdot 4 + 1 \cdot 4 + 6 \cdot 2 + 2 \cdot 3 + 1 \cdot 4 + 1 \cdot 4 \\
 &= 48
 \end{aligned}$$

COTCODACIT

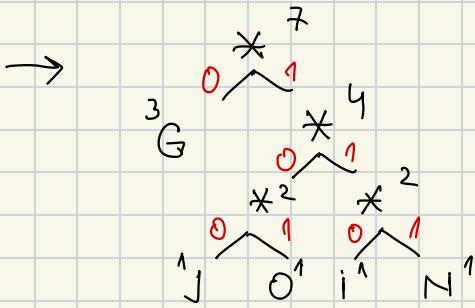
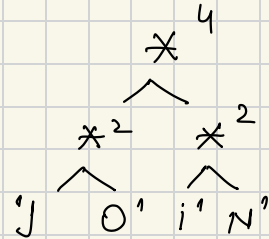
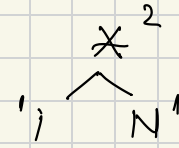
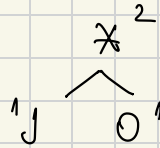
C-3 A-1
 O-2 i-1
 T-2
 D-1





JOGGING

J-1 i-1
O-1 N-1
G-3



G-0
J-100
O-101
i-110
N-111

$$\Rightarrow 1 \cdot 3 + 3 \cdot 1 + 3 \cdot 1 + 3 \cdot 1 + 3 \cdot 1 = 15$$