

Zu den Lösungen der alten Klausur

0 0000
1 0001
2 0010
⋮
8 1000
⋮
F/15 1111
| 011111_b
3 7_{oct}

$128 = 2^8$
10000000
↑
Pos. 8
 $127 = 01111111$

$\begin{pmatrix} 123 \\ 456 \\ 789 \end{pmatrix} \xrightarrow{\uparrow} \begin{pmatrix} 1 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix}$
↑
transponieren

3a) $\begin{pmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \end{pmatrix}$

4b)

i	1	2	3	4	5	6	7	8	9	10	11
a	0	1	3	6	10	15	21	28	36	45	
b	0										

i	1	2	3	4	5	6	7	8	9	10	11
a	45										
b	0	1	3	6	10	15	21	28	36	45	55

Dim Vektor (3) As Integer → $\begin{pmatrix} \text{Vektor (0)} \\ \text{Vektor (1)} \\ \text{Vektor (2)} \\ \text{Vektor (3)} \end{pmatrix}$

Dim Matrix (2,3) As Integer → $\begin{pmatrix} M(0,0) & M(0,1) & M(0,2) & M(0,3) \\ M(1,0) & M(1,1) & M(1,2) & M(1,3) \\ M(2,0) & M(2,1) & M(2,2) & M(2,3) \end{pmatrix}$
 ↑ ↑
 Zeilen Spalten

Minimumssuche

1	2	3	4	5
7	14	2	8	1

Pos: ~~4~~ 3 5
Min: ~~7~~ 2 1

Dim Werte (Zeilen, Spalten) As Integer
 For i = 1 To Zeilen
 For j = 1 To Spalten
 Werte(i,j) = InputBox("Feld" & i & ", " & j)