

نرجس نوروزی

140122028087

$$1023 = \begin{pmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \end{pmatrix}$$

$$(1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1)$$

$$(1 \times 1) + (1 \times 1) = 1023$$

$$1023 = \begin{pmatrix} 1 & 1 & 0 & 1 & 1 & 1 & 0 & 1 & 1 & 1 & 0 & 1 \end{pmatrix}$$

$$(1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1)$$

$$(1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) = 1023$$

$$1023 = \begin{pmatrix} 1 & 0 & 0 & 1 & 1 & 0 & 0 & 1 & 1 & 1 & 1 & 0 \end{pmatrix}$$

$$(1023 \times 1) + (1023 \times 0) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0)$$

$$(1023 \times 0) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1)$$

$$1023 = \begin{pmatrix} 1 & 1 & 1 & 0 & 1 & 0 & 1 & 0 & 1 & 1 & 0 & 1 \end{pmatrix}$$

$$(1023 \times 1) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1) + (1023 \times 1) + (1023 \times 0) + (1023 \times 1)$$

$$(1 \times 0) + (1 \times 1) + (1 \times 0) + (1 \times 1) = 1023$$

$$1023 = \begin{pmatrix} 1 & 0 & 0 & 0 & 0 & 0 & 1 & 1 & 0 & 0 & 1 & 0 \end{pmatrix}$$

بنایس (نفروری)

$$(4096x1) + (2048x0) + (1024x0) + (512x0) + (256x0) + (128x0) + (64x0) + (32x0) + (16x0) + (8x0) + (4x0) + (2x0) + (1x0) = 4199$$

$$(4096x1) + (2048x1) + (1024x0) + (512x0) + (256x1) + (128x0) + (64x0) + (32x1) + (16x0) + (8x0) + (4x0) + (2x0) + (1x0) = 4199$$

$$2048 = (1 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 1)$$

$$(2048x1) + (1024x0) + (512x0) + (256x0) + (128x0) + (64x0) + (32x0) + (16x0) + (8x0) + (4x0) + (2x0) + (1x1) = 2049$$

$$(2048x0) + (1024x0) + (512x0) + (256x0) + (128x0) + (64x0) + (32x0) + (16x0) + (8x0) + (4x0) + (2x0) + (1x1) = 2049$$

$$9218 = (1 \quad 0 \quad 0 \quad 1 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 1)$$

$$(4096x0) + (2048x1) + (1024x0) + (512x0) + (256x0) + (128x0) + (64x0) + (32x0) + (16x0) + (8x0) + (4x0) + (2x0) + (1x0) = 2048$$

$$(4096x0) + (2048x1) + (1024x0) + (512x0) + (256x0) + (128x0) + (64x0) + (32x0) + (16x0) + (8x0) + (4x0) + (2x0) + (1x0) = 2048$$

$$4240 = (1 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 1 \quad 1 \quad 0 \quad 0 \quad 0 \quad 0)$$

$$(1x0) + (2x0) + (4x0) + (8x0) + (16x0) + (32x1) + (64x1) + (128x0) + (256x0) + (512x0) + (1024x0) + (2048x0) + (4096x0) = 4240$$

$$(256x0) + (512x0) + (1024x0) + (2048x1) + (4096x1) = 4240$$

$$2433 = (1 \quad 0 \quad 0 \quad 1 \quad 1 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad 1)$$

$$(1x1) + (2x0) + (4x0) + (8x0) + (16x0) + (32x0) + (64x0) + (128x1) + (256x1) + (512x0) + (1024x0) + (2048x0) + (4096x0) = 2433$$

$$(256x1) + (512x0) + (1024x0) + (2048x1) = 2433$$

Page: ()

سید کبیر (مدرس)

Subject:

Year:

Month:

Day:

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$$10123 \times 1112 = 1125486$$

$$(1 \times 1) + (2 \times 0) + (3 \times 0) + (1 \times 0) + (1 \times 1) + (2 \times 1) + (3 \times 0) + (2 \times 0) + (2 \times 1) + (1 \times 1) + (1 \times 2) = 1125486$$