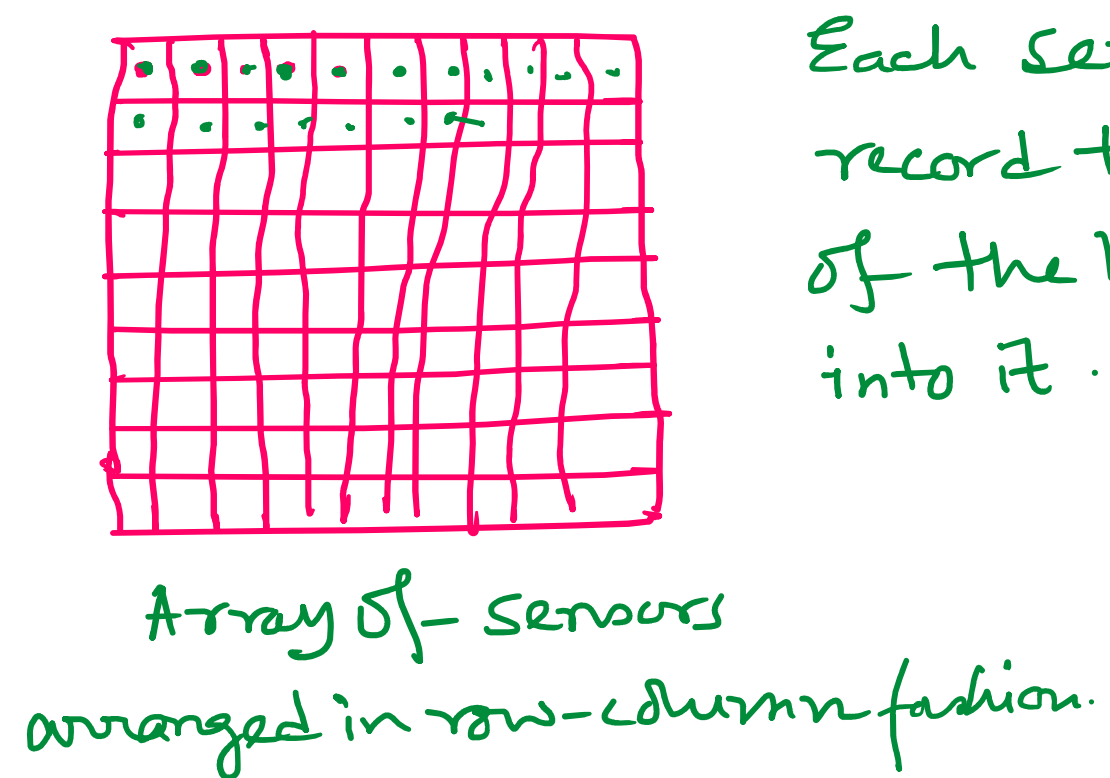
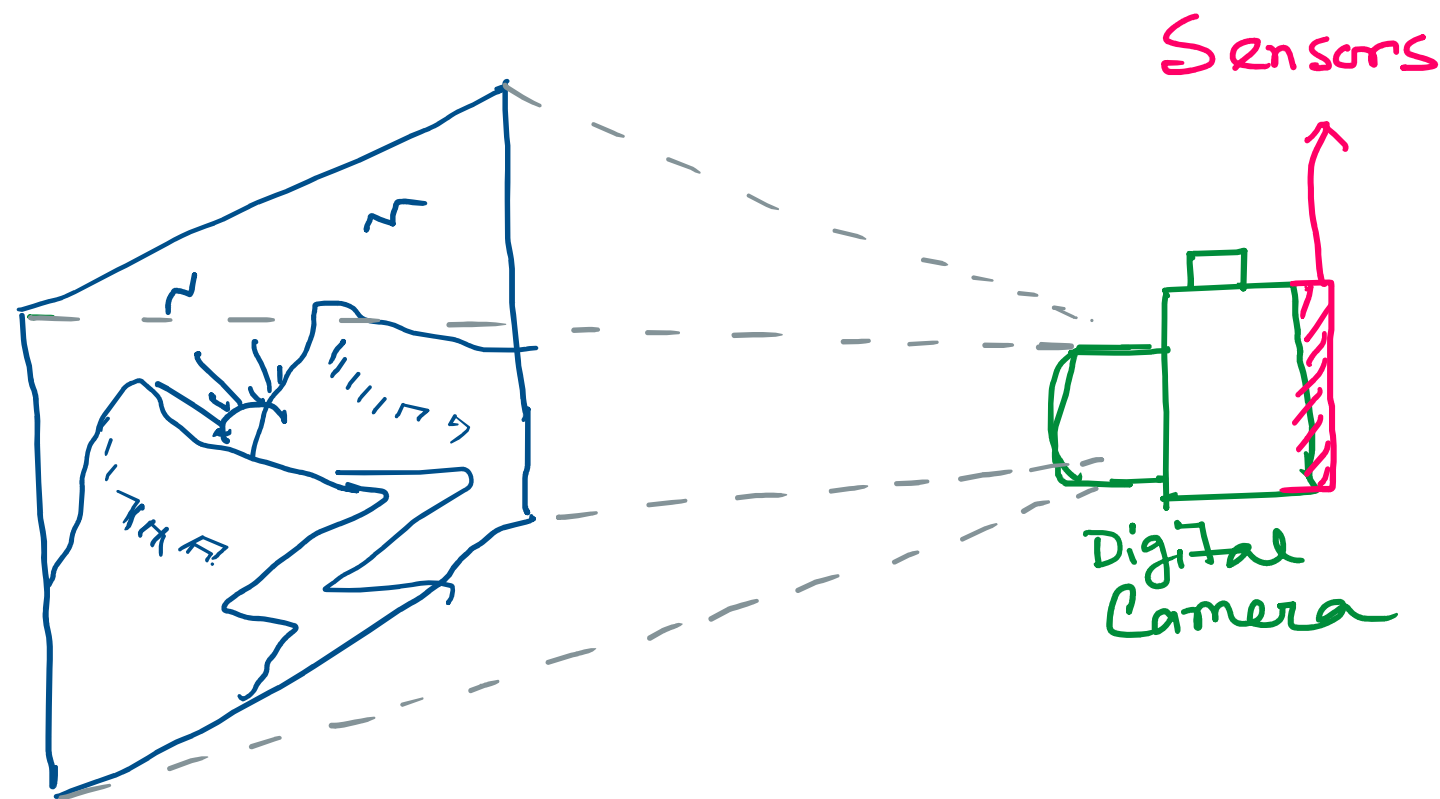
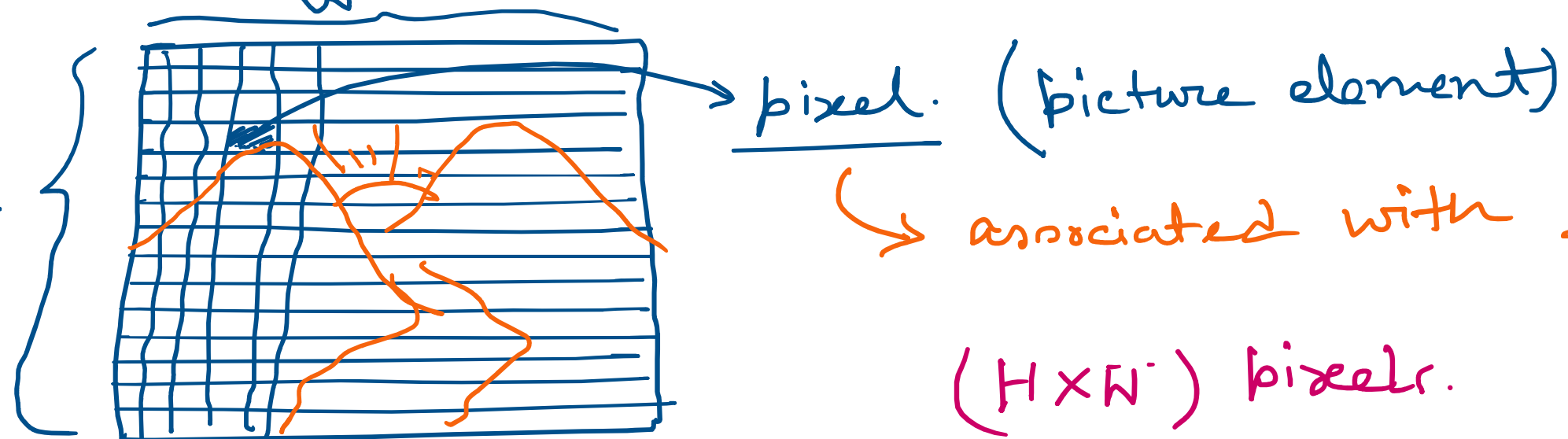


Digital Image



Each sensor will record the intensity of the light falling into it.

The image formed by the sensors in the camera is a digital image

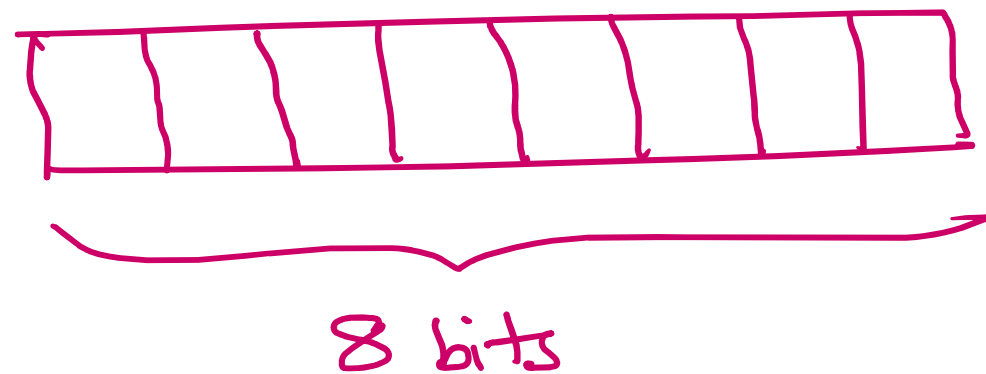


associated with k-bytes of memory

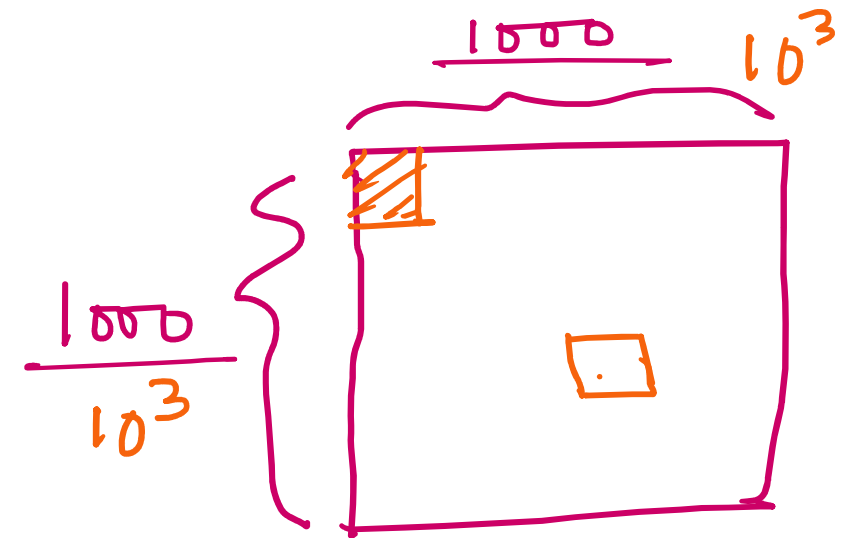
$(H \times W)$ pixels.

$(H \times W \times k)$ bytes.

For 1-byte memory



(0 - 255)



$$H \times W = 10^3 \times 10^3 = 10^6$$

↓
1 megapixel.

For - 2 bytes memory



(0 - (2¹⁶ - 1))

