

Example algorithm minimum search

Find smallest 8-bit integer in a 128×8 RAM.

~~Assume~~

Values stored @ addresses 0 to 99

Assume RAM is preloaded w/ data

Algorithm $\text{min} = 0xFF;$

for ($i=0; i < 100; i++$) {

~~$\text{RAM}[i] < \text{min}$~~

$\text{MBR} = \text{RAM}[i]$

if ($\text{MBR} < \text{min}$)

$\text{MBR} = \text{min}$

}