

80 rows, 25 columns

$80 \times 25 = 2000$ cells

Each 1 cell having 2 bytes space

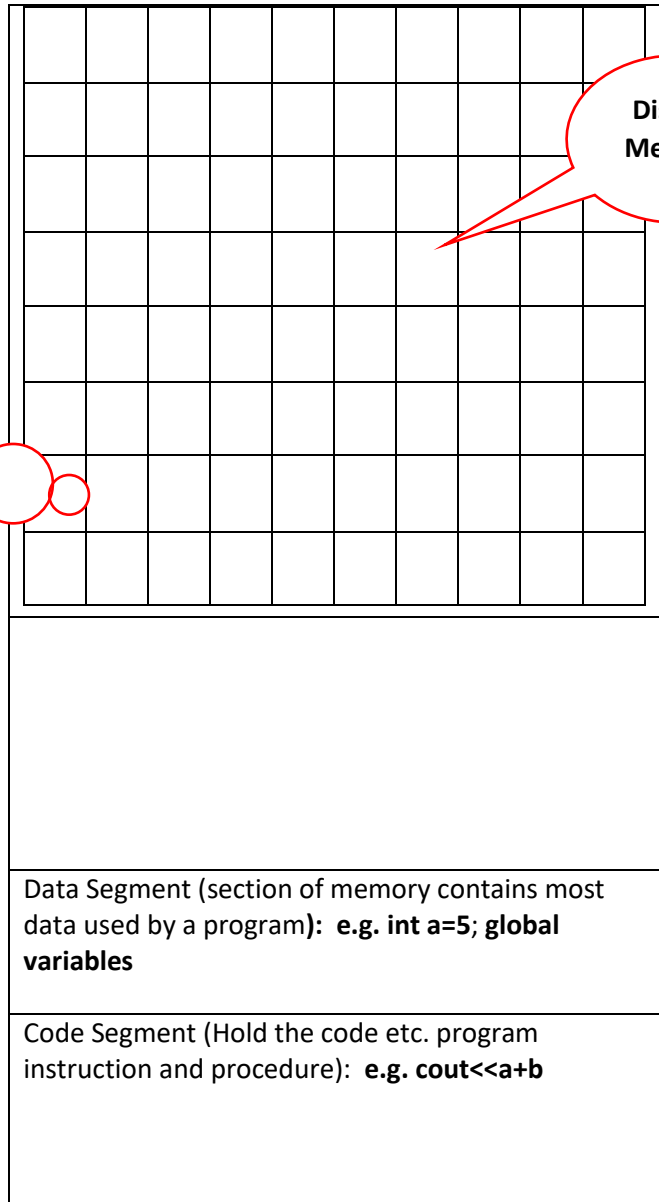
$2000 \times 2 = 4000$ (total) bytes

ES (0xB800)

Data segment

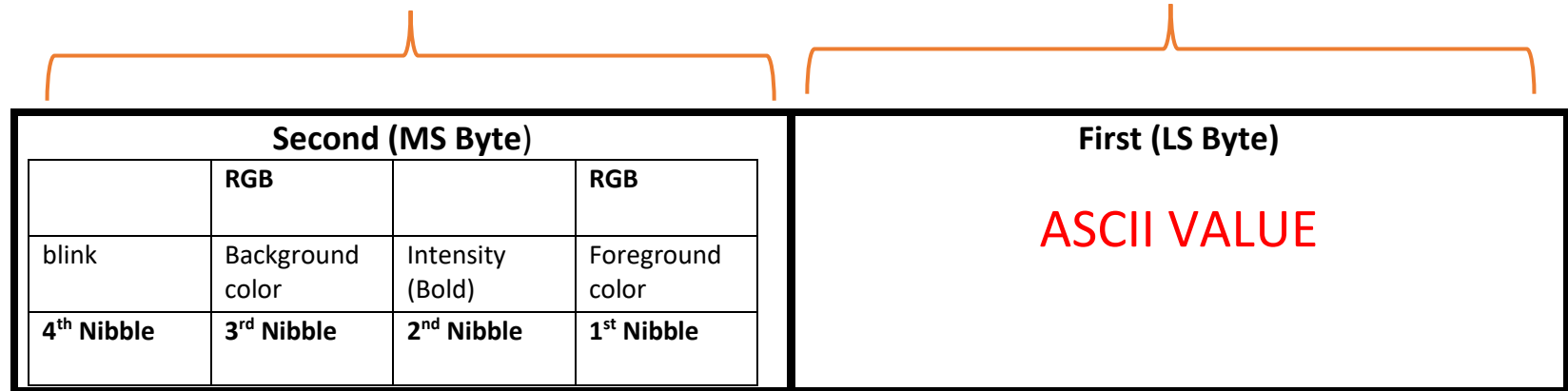
Code segment

Display
Memory



Style Byte

Character Byte



One Memory Cell Structure (2 byte)

<https://www.tweaking4all.com/software-development/ascii-html-table-characters/>