ASCII textfile in memory
decimal

- memory address in base 16 (hexidecimal)
- ASCII charactars stored as integers
- integers displayed in base 10 (decimal)

```
0000:0000 048 049 050 051  052 053 054 055  056 057 010 097  098 099 100 101  0123456789.abcde
0000:0010 102 103 104 105  106 107 108 109  110 111 112 113  114 115 116 117  fghijklmnopqrstu
0000:0020 118 119 120 121  122 010 065 066  067 068 069 070  071 072 073 074  vwxyz.ABCDEFGHIJ
0000:0030 075 076 077 078  079 080 081 082  083 084 085 086  087 088 089 090  KLMNOPQRSTUVWXYZ
0000:0040 010 010                                                             .
```

- memory address in base 16 (hexidecimal)
- ASCII charactars stored as integers
- integers displayed in base 16 (hex)

```
0000:0000 30 31 32 33  34 35 36 37  38 39 0A 61  62 63 64 65  0123456789.abcde
0000:0010 66 67 68 69  6A 6B 6C 6D  6E 6F 70 71  72 73 74 75  fghijklmnopqrstu
0000:0020 76 77 78 79  7A 0A 41 42  43 44 45 46  47 48 49 4A  vwxyz.ABCDEFGHIJ
0000:0030 4B 4C 4D 4E  4F 50 51 52  53 54 55 56  57 58 59 5A  KLMNOPQRSTUVWXYZ
0000:0040 0A 0A                                                ..
```

ASCII textfile in memory

binary

- memory address in base 16 (hexidecimal)
- ASCII charactars stored as integers
- integers displayed in base 2 (binary)

```
0000:0000 00110000 00110001 00110010 00110011  00110100 00110101 00110110 00110111  00111000 00111001 00001010 01100001  01100010 01100011 01100100 01100101  0123456789.abcde
0000:0010 01100110 01100111 01101000 01101001  01101010 01101011 01101100 01101101  01101110 01101111 01110000 01110001  01110010 01110011 01110100 01110101  fghijklmnopqrstu
0000:0020 01110110 01110111 01111000 01111001  01111010 00001010 01000001 01000010  01000011 01000100 01000101 01000110  01000111 01001000 01001001 01001010  vwxyz.ABCDEFGHIJ
0000:0030 01001011 01001100 01001101 01001110  01001111 01010000 01010001 01010010  01010011 01010100 01010101 01010110  01010111 01011000 01011001 01011010  KLMNOPQRSTUVWXYZ
0000:0040 00001010 00001010                                                                                                                                    ..
```

- memory address in base 16 (hexidecimal)
- ASCII charactars stored as integers
- integers displayed in base 8 (octal)

```
0000:0000 060 061 062 063  064 065 066 067  070 071 012 141  142 143 144 145  0123456789.abcde
0000:0010 146 147 150 151  152 153 154 155  156 157 160 161  162 163 164 165  fghijklmnopqrstu
0000:0020 166 167 170 171  172 012 101 102  103 104 105 106  107 110 111 112  vwxyz.ABCDEFGHIJ
0000:0030 113 114 115 116  117 120 121 122  123 124 125 126  127 130 131 132  KLMNOPQRSTUVWXYZ
0000:0040 012 012                                                             ..
```