***Problem 1***

Realize function that reverses null terminated string. The prototype of the function is "void

Reverse(char\* ptr);”. Do not use standard library functions.

Example: If e.g. “This is a test\0” is passed to the function, the function must produce “tset a si sihT\0”

***Problem 2***

Write a C function which takes as input 8x8 pixels image and returns a vertical mirror of the image. Image is monochrome - each pixel is coded as one bit and each byte represents one image row.

The prototype of the function is: "void VMirror(unsigned char \*pImage)".

Example:

initial content of buffer : 0x7F,0x40,0x40,0x40,0x7F,0x00,0x00,0x00

after VMirror execution : 0xFE,0x02,0x02,0x02,0xFE,0x00,0x00,0x00