Writebase(n/8)

7. putchar(n%8)

2. writebase(n/8)

6. putchar(n%8)

5. putchar(n%8)

4. return

1. output first

93 in base 8 is 135 = 1 * 8 + 3 * 8 + 5

93 in base 8 is 135 = 1 * 8 + 3 * 8 + 5

Operations above are performed in the order 1, 2, 3, 4, 5, 6, 7.

void writebase(int n)
{
    if (n != 0) {
        writebase(n/8);
        putchar((n%8) + '0');
    }
}

CS 1723, Writing to base 8