10 = 1x8^1+0x8^0 = 8

100 = 1x8^2+0x8^1+0x8^0 = 64

123 = 1x8^2+2x8^1+3x8^0 = 83

567 = 5x8^2+6x8^1+7x8^0 = 375

1010 = 1x8^3+0x8^2+1x8^1+0x8^0 = 520