



Tutorial-1: Number Systems

Q1. Represent the decimal number 396.25 in

- i. Binary code
- ii. BCD code
- iii. Octal code
- iv. Hexadecimal code

Q2. Perform the following conversions:

- i. $(1101010001101)_2 = (?)_{16}$
- ii. $(97AD.2E)_{16} = (?)_2 = (?)_{10}$
- iii. $(127.375)_{10} = (?)_2 = (?)_8$

Home Works

Text book problems: 1-3, 1-6 to 1-11, 1-18, 1-19

Additional Problems

- 1. Convert the Octal number $(123.4)_8$ to BCD
- 2. Convert the Decimal number $(85.75)_{10}$ to Hexadecimal