

UNIT-I

BINARY SYSTEMS : Digital Systems, Binary Numbers, Number base conversions, Octal and Hexadecimal Numbers, complements, Signed binary numbers, Binary codes, Binary Storage and Registers, Binary logic.

Objective :

To discuss different number systems and stress on binary number systems. Explain about various binary codes and their applications.

LESSON No.	Topic	No. of classes
1.	BINARY SYSTEMS: Digital Systems:., Binary Numbers	1
2.	Number base conversions	2
3.	Octal and Hexadecimal Numbers, complements	2
4.	Signed binary numbers, Binary codes	1
5.	Binary Storage and Registers	1
6.	Binary logic	1

Assignments

- Convert the following to Decimal and then to Binary.
 - 123416
 - ABCD16
 - 11228
 - 17268
 - 99710
 - 65410
- List the first 20 numbers in base12. Use the letters A and B to represent the last two digits.
 - Convert the following numbers with the given radix to decimal.
 - 44335
 - 119912
 - 56547
 - 6128

Number Bk1

Clemens Wendtner



Number Bk1:

Enjoying the Melody of Phrase: An Emotional Symphony within **Number Bk1**

In a world used by displays and the ceaseless chatter of instant conversation, the melodic elegance and mental symphony created by the written term frequently diminish into the back ground, eclipsed by the relentless noise and disruptions that permeate our lives. But, set within the pages of **Number Bk1** an enchanting literary value brimming with raw emotions, lies an immersive symphony waiting to be embraced. Constructed by a masterful musician of language, that interesting masterpiece conducts viewers on a psychological journey, well unraveling the hidden songs and profound impact resonating within each cautiously constructed phrase. Within the depths of the moving analysis, we shall explore the book is main harmonies, analyze its enthralling publishing model, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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