2 Lecture - CS302

Important Mcqs

1.	Which number system uses base 2? A) Decimal B) Binary C) Octal D) Hexadecimal Answer: B
2.	How many digits are there in binary system? A) 8 B) 10 C) 2 D) 16 Answer: C
3.	What is the base of the octal number system? A) 2 B) 8 C) 10 D) 16 Answer: B
4.	Which number system uses the digits 0-9 and letters A-F? A) Decimal B) Binary C) Octal D) Hexadecimal Answer: D
5.	What is the value of the binary number 1101 in decimal form? A) 5 B) 7 C) 9 D) 13 Answer: D
6.	What is the value of the octal number 73 in decimal form? A) 47 B) 57 C) 63 D) 83 Answer: B
7.	What is the value of the hexadecimal number AC in decimal form?

A) 170

- B) 172
- C) 174
- D) 176

Answer: B

- 8. Which number system is used to represent colors in HTML?
 - A) Decimal
 - B) Binary
 - C) Octal
 - D) Hexadecimal

Answer: D

- 9. What is the process of converting a decimal number to a binary number?
 - A) Repeatedly dividing the decimal number by 10
 - B) Repeatedly dividing the decimal number by 2
 - C) Repeatedly dividing the decimal number by 8
 - D) Repeatedly dividing the decimal number by 16

Answer: B

- 10. What is the process of converting a binary number to a decimal number?
 - A) Multiplying each digit of the binary number by 2 and summing the products
 - B) Multiplying each digit of the binary number by 8 and summing the products
 - C) Multiplying each digit of the binary number by 10 and summing the products
 - D) Multiplying each digit of the binary number by 16 and summing the products Answer: A