



National University of Computer & Emerging Sciences, Karachi
Computer Science Department
Fall 2024, Lab Tasks - 03



Course Code: CL-1000	Course: Introduction to Information and Communication Technology (IICT)
Instructor(s):	Yumna Asif

Lab Tasks:

1. Convert the following decimal numbers to binary:

1. 256
2. 1024
3. 512

2. Convert the following decimal numbers to hexadecimal:

1. 345
2. 789
3. 2048

3. Convert the following decimal numbers to octal:

1. 512
2. 1234
3. 999

4. Convert the following binary numbers to decimal:

1. 101101011
2. 1101001010
3. 1111110000

5. Convert the following hexadecimal numbers to decimal:

1. 1A3
2. 3F8
3. C9B

6. Convert the following octal numbers to decimal:

1. 457
2. 1052
3. 764

7. Convert the following binary numbers to hexadecimal:

1. 10011001101
2. 1101011011
3. 1010101010

8. Convert the following hexadecimal numbers to binary:

1. 2B5
2. 7D3
3. FA4

9. Convert the following octal numbers to binary:

1. 726
2. 453
3. 1075

10. Convert the following binary numbers to octal:

1. 111000110
2. 1001100110
3. 1011010111