**Computer Networks Assignment-5**

1. Implementation of Cyclic Redundancy Check (CRC) using C or C++.

**Test Case 1:** Input: Enter the number of bits in input data: 10

Input: Enter the number of bits in the polynomial generator (divisor): 6

Input: Enter the data: 1010001101

Input: Enter the divisor: 110101

Output: CRC value: 01110

Output: Transmitted data: 101000110101110

Input: Enter the received data: 101000110101110

Output: No errors detected

**Test Case 2:** Input: Enter the number of bits in input data: 10

Input: Enter the number of bits in the polynomial generator (divisor): 6

Input: Enter the data: 1010001101

Input: Enter the divisor: 110101

Output: CRC value: 01110

Output: Transmitted data: 101000110101110

Input: Enter the received data: 101001110101110

Output: Errors detected