Networking Lab
(EC-692)

Assignment for Checksum

1. **Write a C code to encode a user provided dataword using checksum procedure.**

   Input:
   Dataword: 110011001010101111000011000011
   Segment Length = 8

   Output:

   Checksum: 11010011
   code word : 11001100101010101111000011000011111010011

2. **Write a C code to decode a user provided codeword using Checksum procedure.**
   Provide the output along with original data (good/bad).

   Input:
   Codeword: 11001100101010101111000011000011111010011
   Segment length: 8

   Output:

   Data recv ok
   ACTUAL data IS: 1 1 0 0 1 1 0 0 1 0 1 0 1 0 1 0 1 1 1 1 0 0 0 0 1 1 0 0 0 0 1 1