3/20/07

Program 3.
Due Date 3/27/07
Write up

Your assumptions
Your simplification
Justification

Gate Keeper
CRC (See 4/19/07 Handout)

Treat your message as a polynomial:

\[ \begin{array}{c|cccccccc}
& 1 & 0 & 0 & 1 & 0 & 0 & 1 & 0 & 1 & 0 & 1 \\
\hline
0 & 1 & 0 & 0 & 1 & 1 & 0 & 0 & 1 & 0 & 1 & 0 \\
\end{array} \]

Divide this by specified polynomial:

\[
\begin{array}{c}
1-1 = 0 \\
0-0 = 0 \\
1-0 = 1 \\
0-1 = 1 \\
\end{array}
\]

\[
\begin{array}{c}
1 \oplus 1 = 0 \\
0 \oplus 0 = 0 \\
1 \oplus 0 = 1 \\
0 \oplus 1 = 1 \\
\end{array}
\]
ASCII - 7 bit
8 bit
EBCDIC  8 bit
Binary
Audio
Video - MPEG
Post.scrip t
Image - JPEG
GIF
Base64 encoding
PROJECT - APRIL 3

NEXT WEEK
- FIREWALL LAB

HC - 322

ABHISHEK - HUA
Man → Base64 → TWFu

At the end do padding with 0's
RFC 822

Envelope

Transmission & Delivery

Keywords

Date:
From:
To:
CC:
Subject:

Contents

Header Text
Message
Message ID

MIME - Extension of RFC 822
SMTP