Practical Objective for Course(s) BSCS-401, CSSE-303, CS-501; Digital Computers Logic & Design

Course Incharge: Mr. Hussain Saleem, Assistant Professor, Department of Computer Science, University of Karachi. Copyrighted Material © 2018.

Lab Objective – 2: Communication Signal with Information and Message

Please refer the Lecture session conducted over "Communication Signals with Information and Message". Write List-wise that what you have learned from this Assignment?

- 1. Select a paragraph with two or three statements in English text.
 - Refer ASCII Code Table from Book of FLOYD.
 - Convert Text to Binary Number stream.
 - Convert Binary Number Stream into Digital Signal and Plot it.
 - Convert Digital Signal into Analog i.e. Sinusoidal wave and Plot it.
- 2. Draw any random Sinusoidal wave of some long length.
 - Convert Sinusoidal wave into Digital Square wave.
 - Convert Pulsating square wave into Binary data stream.
 - Develop seven-bit groups for that binary data stream.
 - Convert each group into ASCII character.
 - Develop the paragraph from that character data.

Submit handwritten work preferably, however you may type wherever you feel necessary.