DEBRE BERHAN UNIVERSITY

COLLEGE OF COMPUTING

COMPUTER ORGANICATION & ARCHITECTUER COURSE

INDIVIUDUAL ASSIGNMENT

1. Explain the following point in detail.

   A. Flip Flops and its type.

   B. Data type and representation of non-numeric data.

   C. Sequential circuits and binary counter

   D. Physical Consideration (gate delays, fan-in, fan-out)

2. Take your id number as a decimal number and convert it to **binary**, **octal** and **hexadecimal**.

3. Represent your name in **BCD**, **EBCDIC**, **ASCII** and **Extended ASCII**.

Assignment solution will not be accepted after the due date.