***DAY 4 –* Life Cycle of a software – Building an end to end Project**

**Write pseudo code that reads time and time zone and converts to Indian Standard Time (IST)**

* + Sample input (18:00, EST)
  + Sample output should be 03:30, IST

**High Level Functional Design Document**

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Pseudo code –

**Steps:**

1. Ask the user to have a sample input in EST time zone.
2. Take the input from the user.
3. Convert the EST time zone to IST.
4. To convert from EST to IST time zone. Add a value to the input to be converted into IST.
5. The value to be added for the EST is to be the addition of “**9 hours + 30 minutes**”.
6. IST time zone = EST time zone + **9:30**
7. Then display the output which is converted the input from EST to the following output in IST.

**Sample Input –** 18:00 EST

**Sample Output –** 03:30 IST