**PROJECT - 4 for CSc33600- Fall 2020 semester.**

**NOTE: EACH student must complete it independently. Discussion amongst students is allowed, but code sharing is NOT allowed. Violators will be penalized and students submitting identical answers will risk ‘FAIL’ grade for this project.**

1. Create a new database called MEDICAL\_INFO
2. Create a new table called INPUT\_DATA
3. Load data from the spreadsheet to the INPUT\_DATA table
4. NORMALIZE INPUT\_DATA table to the 3NF Form and create new objects accordingly.
5. Declare PK and FK in these new tables.
6. Create indexes/constraints as needed.
7. Create an Extra table CARDIAC\_CUSTOMERS with columns ID (identity column), CUSTOMER\_ID, HIGH\_BLOOD, OVERWEIGHT, STROKE, HYPERLIPIDEMIA
8. Select all Customers with HIGH\_BLOOD (input data) and/or HYPERLIPIDEMIA and insert this data in the CARDIAC\_CUSTOMERS table
9. Generate a list of Customers with Customer\_id, ordered by AGE, showing which is the most common disease amongst Senior Citizens.
10. Generate a list of Customers with Customer\_id, ordered by AGE, showing which is the least common disease amongst Female Customers .
11. Generate a list of Customers with Customer\_id, ordered by AGE, showing which is the most common disease amongst all customers.
12. Generate a list of Customers with Customer\_ids who have anxiety, and are overweight and have Reflux\_esophagitis and/or Allergic\_rhinitis and/or Asthma.