**UNIVERSITY OF THE EAST**

**COLLEGE OF COMPUTER STUDIES AND SYSTEMS**

**CIM1101 HANDS-ON**

**NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SECTION/TIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PROF. SHIRLEY DE LEON-MORAGA**

**PROVIDE THE SQL STATEMENTS FOR THE FOLLOWING.**

1. create new database: **CIM1101\_SECTION\_YOURSURNAME**
2. open the newly created database **CIM1101\_ SECTION\_YOURSURNAME**
3. create this table:

**STUDENT**

|  |  |
| --- | --- |
| **COLUMN/FIELD** | **DATA TYPE** |
| StudID | PK, AUTO-INCREMENT STARTS AT 10, NUMBER |
| LastName | Combination of letters and numbers, maximum number of characters is 25 \*required |
| FirstName | Combination of letters and numbers, maximum number of characters is 25 \*required |
| City | Combination of letters and numbers, maximum number of characters is 10. \*should only accept 3 values: Pasig, QC, Manila |

1. input these records to customer table: \****note: StudID is an Auto-increment field***

|  |  |  |  |
| --- | --- | --- | --- |
| **StudID** | **LastName** | **FirstName** | **City** |
| 10 | De Leon | Shermae | Pasig |
| 11 | Villa | Shann | QC |

1. Add column Age to Student table, data type is number.
2. Alter the age column, age must be 15-20 years old.
3. Make the column LastName unique
4. Show all records of Student Table.
5. Change the size of LastName to 30 characters.
6. Remove the column FirstName then show all records of the Student Table.
7. Empty the table Student then show its record.
8. Create the table **BOOK**

|  |  |
| --- | --- |
| **COLUMN/FIELD** | **DATA TYPE** |
| BookNum | PK, Combination of letters and numbers, maximum number of characters is 10 \*required |
| Title | PK, Combination of letters and numbers, maximum number of characters is 30 \*required |
| Author | Combination of letters and numbers, maximum number of characters is 15 |
| StudentNumber | Number, FK (studID of Student) |

1. (RE-RUN #4 before doing this) Input these records to table **BOOK** and show all records of table BOOK. \*StudentNumber should match to StudID of **STUDENT** table.

|  |  |  |  |
| --- | --- | --- | --- |
| **BookNum** | **Title** | **Author** | **StudentNumber** |
| B1 | Database | NULL | 10 |
| B2 | MIS | Oz | 11 |
| B3 | INTRO TO IT | NULL | 10 |

1. Add column CopyRight, integer data type to the BOOK table. Limit the year from 2001-2010. Show all records of this table.
2. Delete the two tables: STUDENT & BOOK
3. Delete the database **CIM1101\_SECTION\_YOURSURNAME**