**FUNDAMENTALS OF DATABASES – WEEK 3 – ACTIVITY 3**

Supply/perform what is asking in the following statements. Attach or put a screenshot for each number to support your answers.

1. Assuming that you are creating a database table design, provide at least 10 attributes that corresponds to the information of the following:
   1. Student (E.g. Stud\_ID, Stud\_No)
   2. Employee (E.g. Emp\_ID, Emp\_No)
   3. Supplier (E.g. Sup\_ID, Sup\_No)
   4. Faculty (E.g. Fac\_ID, Fac\_No)
   5. Security (E.g. Sec\_ID, Sec\_No)
   6. Product (E.g. Prod\_ID, Prod\_No)
   7. User (E.g User\_ID, User\_No)
   8. Instructor (E.g Ins\_ID, Ins\_No)
   9. Course (E.g Cour\_ID, Cour\_No)
   10. Class (E.g Class\_ID, Class\_No)
2. For each table name field or attributes, think and give the preferred data types for each and lengths (no. of expected number of characters).

Example:

Student Table

|  |  |  |
| --- | --- | --- |
| **Attributes** | **Datatype** | **Length** |
| Stud\_ID | int | 5 |
| Stud\_Section | char | 20 |
| Stud\_FName | text | 25 |
| Stud\_LName | text | 25 |
| Stud\_MName | text | 25 |
| Stud\_Age | int | 2 |
| Stud\_Address | text | 50 |
| Stud\_Mother’sName | text | 25 |
| Stud\_Father’sName | text | 25 |
| Stud\_ContactNumber | int | 12 |

Employee Table

|  |  |  |
| --- | --- | --- |
| **Attributes** | **Datatype** | **Length** |
| Emp\_ID | int | 8 |
| Emp\_OfficePlacement | text | 35 |
| Emp\_FName | text | 25 |
| Emp\_Lname | text | 25 |
| Emp\_Mname | text | 25 |
| Emp\_Age | int | 2 |
| Emp\_Address | text | 50 |
| Emp\_ContactNumber | int | 12 |
| Emp\_Father’s Name | text | 25 |
| Emp\_Mother’s Name | text | 25 |