**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)
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\_FName text 25

1. A. STUDENT TABLE

|  |  |  |
| --- | --- | --- |
| ATTRIBUTES | DATA TYPE | LENGTH |
| Stud\_ID | Int | 5 |
| Stud\_FName | Text | 25 |
| Stud\_LName | Text | 25 |
| Stud\_Age | Int | 2 |
| Stud\_Address | Text | 50 |
| Stud\_Birthdate | Int | 8 |
| Stud\_Sex | Text | 7 |
| Stud\_Course | Text | 20 |
| Stud\_Section | Text | 15 |
| Stud\_Email | Text | 70 |

B. EMPLOYEE TABLE

|  |  |  |
| --- | --- | --- |
| ATTRIBUTES | DATA TYPE | LENGTH |
| Emp\_ID | Int | 5 |
| Emp\_FName | Text | 20 |
| Emp\_LName | Text | 28 |
| Emp\_Hire\_Date | Int | 10 |
| Emp\_Termination\_Date | Int | 10 |
| Emp\_Billing\_Rate | Int | 15 |
| Emp\_Position | Text | 30 |
| Emp\_Phone | Int | 11 |
| Emp\_Email | Text | 70 |
| Emp\_Address | text | 50 |