**Lab 11**

Consider the following table:

**TEACHER:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TeacherID** | **Name** | **Office** | **Phone** | **Email** |
| T001 | Dr. Najma Waheed | F001 | 9125 | [najma@uni.edu.pk](mailto:najma@uni.edu.pk) |
| T002 | Dr. Nouman Masood | F003 | NULL | [nayyer@uni.edu.pk](mailto:nayyer@uni.edu.pk) |
| T003 | Dr. Farhana Khan | F002 | 9222 | [farhana@uni.edu.pk](mailto:farhana@uni.edu.pk) |
| T004 | Dr. Tayyaba Ali | F005 | 9325 | [tayyaba@uni.edu.pk](mailto:tayyaba@uni.edu.pk) |
| T005 | Mr. Nouman Ahmad | F006 | 9145 | [nouman@uni.edu.pk](mailto:nouman@uni.edu.pk) |
| T006 | Mr. Waqass Raheem | F004 | NULL | [waqas@uni.edu.pk](mailto:waqas@uni.edu.pk) |

You are required to perform the following tasks:

1. Write SQL query to create a UNIQUE INDEX on the “**TeacherID**” column of the given table in Descending order.
2. Write SQL query to create a UNIQUE INDEX on the “**Name**” and **“Office”** columns of the given table in ascending order.

**Solution:**

**1**

CREATE UNIQUE INDEX Teacher\_Index1

On TEACHER (TeacherID DESC);

**2**

CREATE UNIQUE INDEX Teacher\_Index2

On TEACHER (Name, Office ASC);