**LAB 10**

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| **TeacherID** | **Name** | **Office** | **Phone** | **Email** |
| T001 | Dr. Najma Waheed | F001 | 9125 | [najma@uni.edu.pk](mailto:najma@uni.edu.pk) |
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| **ClassID** | **CourseCode** | **DayofWeek** | **TimeStart** | **TimeEnd** | **Venue** | **TeacherID** |
| A001 | CS403 | Monday | 09:00 AM | 10:00 AM | A Block | T003 |
| B002 | CS301 | Tuesday | 09:00 AM | 10:00 AM | B Block | T005 |
| C003 | CS201 | Tuesday | 14:00 PM | 15:00 PM | A Block | T002 |
| D004 | CS501 | Monday | 10:30 AM | 12:00 PM | C Block | T006 |
| E005 | CS401 | Friday | 12:00 PM | 13:00 PM | C Block | T005 |
| F006 | CS402 | Friday | 12:30 PM | 14:00 PM | B Block | T003 |

Consider the above given tables and apply the following types of joins:

1. Inner join
2. Full Outer join
3. Right Outer join
4. Left Outer join

Solution:

1. SELECT \* FROM Teacher INNER JOIN Class ON

Teacher.TeacherID=Class.TeacherID;

1. SELECT \* FROM Teacher FULL OUTER JOIN Class ON

Teacher.TeacherID=Class.TeacherID;

1. SELECT \* FROM Teacher RIGHT OUTER JOIN Class ON

Teacher.TeacherID=Class.TeacherID;

1. SELECT \* FROM Teacher LEFT OUTER JOIN Class ON

Teacher.TeacherID=Class.TeacherID;