

King Saud University

College of Applied Studies and Community Service

Programming and Database Diploma

CT1412

**Tutorial 2**

**Q: Login to SQL WKS and write SQL queries to do the following**

1. **Create table Course1(** course\_id varchar2(6) Primary Key,

courese\_name varchar2(30)**);**

1. **Insert the following values to the Course1 table:**

|  |  |
| --- | --- |
| **course\_id** | **courese\_name** |
| CT1412 | SQL |
| CSC113 | Computer programming-2 |
| IT221 | Assembly language |
| CT1313 | Database |

1. **Create the Student1 table based on the following table Chart :**

|  |  |  |  |
| --- | --- | --- | --- |
| Column name | Data Type | Size | Key |
| S\_id | Varchar2 | 9 | Primary key (**define it at the table level**) |
| S\_name | Varchar2 | 50 | -- |
| Course\_id | Varchar2 | 6 | Foreign key references the course table (**define it at the column level and give it a name**) |

1. **After creating the Student1 table add a constraint to the table to make sure that the S\_name is not null**
2. **After creating the Student1 table, try to insert the following rows then state for each row if it was added successfully or not. In case it wasn't added explain why.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S\_id | S\_name | Course\_id | Insertion status | Explanation |
| 111111111 | Norah Ali | CSC113 |  |  |
| 222222222 | Sarah Khaled | CSC322 |  |  |
| 333333333 |  | IT221 |  |  |
| 222222222 | Nouf Ahmed | CT1313 |  |  |
| 444444444 | Manal Salem | CSC113 |  |  |