**SQL-Data Definition Language**

**Working with Databases**

**3rd Normal Form(3NF)**

**Student**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **StudentID** | FirstName | LastName | EmailAddress | PhoneNumber | DateofBirth |

**Student\_Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **StudentID** | **CourseID** | DateofCompletion | Grade |

**Course**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CourseID** | CourseDescription | Capacity | CourseDuration | ProgramID |

**Instructor\_Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **CourseID** | **InstructorID** | StartDate | EndDate |

**Instructor**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **InstructorID** | FirstName | LastName | EmailAddress | ContactNumber |

**Program**

|  |  |  |  |
| --- | --- | --- | --- |
| **ProgramID** | ProgramDescription | StartDate | EndDate |

**Normalized Relations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **StudentID** | FirstName | LastName | EmailAddress | PhoneNumber | DateofBirth |

**Student**

**Student\_Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **StudentID** | **CourseID** | DateofCompletion | Grade |

**Course**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CourseID** | CourseDescription | Capacity | CourseDuration | ProgramID |

**Instructor\_Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **CourseID** | **InstructorID** | StartDate | EndDate |

**Instructor**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **InstructorID** | FirstName | LastName | EmailAddress | ContactNumber |

**Program**

|  |  |  |  |
| --- | --- | --- | --- |
| ProgramDescription | StartDate | EndDate | **ProgramID** |

**Submitted By,**

**Josina Jose**