How I have created my tables?

**CREATE TABLE** **CourseType**

**(CourseCode VARCHAR (20) NOT NULL,**

**CourseTitle VARCHAR (50) NOT NULL,**

**Duration VARCHAR (20) NOT NULL,**

**Introduction VARCHAR (100) NOT NULL,**

**CostPrice NUMBER NOT NULL,**

**CourseTutor VARCHAR (30) NOT NULL,**

**CONSTRAINT CourseType\_CourseCode\_pk PRIMARY KEY (CourseCode));**

**CREATE TABLE AllocatedStudent**

**(StudentID VARCHAR (20) NOT NULL,**

**StudentName VARCHAR (30) NOT NULL,**

**StudentNumber NUMBER NOT NULL,**

**StartingDate DATE NOT NULL,**

**CONSTRAINT AllocatedStudent\_StudentID\_pk PRIMARY KEY (StudentID));**

**CREATE TABLE Room**

**(RoomID VARCHAR (20) NOT NULL,**

**CurrentlyRunningCourses VARCHAR (100) NOT NULL,**

**RoomNumber NUMBER NOT NULL,**

**RoomType VARCHAR (20) NOT NULL,**

**Location VARCHAR (20) NOT NULL,**

**CONSTRAINT Room\_RoomIDCurrentlyRunningCourses \_pk PRIMARY KEY (RoomID,CurrentlyRunningCourses));**

**CREATE TABLE Trainer**

**(TrainerID VARCHAR (20) NOT NULL,**

**TrainerName VARCHAR (20) NOT NULL,**

**TrainerNumber NUMBER NOT NULL,**

**CONSTRAINT Trainer\_TrainerID\_pk PRIMARY KEY (TrainerID));**

**CREATE TABLE CurrentCourse**

**( StudentID VARCHAR (20) NOT NULL,**

**CourseCode VARCHAR (20) NOT NULL,**

**StartDate DATE NOT NULL,**

**RoomID VARCHAR (20) NOT NULL,**

**CurrentlyRunningCourses VARCHAR (100) NOT NULL,**

**TrainerID VARCHAR (20) NOT NULL,**

**NumberOfStudent NUMBER NOT NULL,**

**Revenue NUMBER (20) NOT NULL,**

**CurrentCourseCost NUMBER NOT NULL,**

**CONSTRAINT CurrentCourse\_ CourseCodeStartDate\_pk PRIMARY KEy(CourseCode,StartDate),**

**CONSTRAINT CurrentCourse\_RoomIDCurrentlyRunningCourses\_fk FOREIGN KEY (RoomID,CurrentlyRunningCourses) REFERENCES Room (RoomID,CurrentlyRunningCourses),**

**CONSTRAINT CurrentCourse\_TrainerID\_fk FOREIGN KEY (TrainerID) REFERENCES Trainer (TrainerID),**

**CONSTRAINT CurrentCourse\_CourseCode\_fk FOREIGN KEY (CourseCode) REFERENCES CourseType (CourseCode));**

**CREATE TABLE Allocation**

**( StudentID VARCHAR (20) NOT NULL,**

**CourseCode VARCHAR (20) NOT NULL,**

**StartDate DATE NOT NULL,**

**NumberOfStudent NUMBER NOT NULL,**

**CurrentCourseTutor VARCHAR (30) NOT NULL,**

**CONSTRAINT Allocation\_StudentIDCourseCodeStartDate\_pk PRIMARY KEY (StudentID,CourseCode,StartDate),**

**CONSTRAINT Allocation\_StudentID\_fk FOREIGN KEY (StudentID) REFERENCES AllocatedStudent (StudentID),**

**CONSTRAINT Allocation\_CourseCodeStartDate\_fk FOREIGN KEY (CourseCodeStartDate) REFERENCES CurrentCourse (CourseCode,StartDate));**

CourseType

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CourseCode | CourseTitle | Duration | Introduction | CostPrice | CourseTutor |
| C001 | First Aid Training | 6 months | Confidence to recognize emergency | 400 | Mr Zeberdee |
| C002 | Safeguarding | 6 months | Recognizing and responding to abuse | 350 | Dr Von Gooswing |
| C003 | Manual handing training | 5 months | carry out safe manual handling practices correctly | 500 | Mrs Seal |
| C004 | Supervising Food Safety | 4 months | promote best food hygiene practices | 400 | Ms Pitstop |
| C005 | [Fire Warden Training](https://www.highspeedtraining.co.uk/health-and-safety/fire-warden-training.aspx) | 5 months | fire risk assessments and good fire safety practices | 500 | Mr Penrose |
| C006 | [Data Protection](https://www.highspeedtraining.co.uk/financial-services/data-protection-course.aspx) | 4 months | obtain consent where required and ensure data security | 350 | Mr Benny Ball |

AllocatedStudent

| **StudentID** | **CourseID** | **StudentName** | **StudentNumber** | **StartingDate** |
| --- | --- | --- | --- | --- |
| C0123 | COM89132 | sam | 075446115784 | 12/03/2015 |
| P150 | PHI104735 | Dalal | 07448125469 | 12/03/2015 |
| M678 | MA175624 | Oliver | 07487125634 | 14/03/2015 |
| P342 | PHY195729 | Harry | 07225589452 | 14/03/2015 |
| B455 | BUS196628 | Noah | 07568254789 | 15/03/2015 |
| P056 | PRO753292 | George | 07446254789 | 15/03/2015 |

Room

| **RoomID** | **RoomNumber** | **RoomType** | **CurrentlyRunningCourses** | **Location** |
| --- | --- | --- | --- | --- |
| R004 | O2345201 | King | First Aid Training | Wyndhame Place |
| R006 | O2345201 | Studio | Safeguarding | Wyndhame Place |
| R007 | 02345202 | Single | [Manual Handling Training](https://www.highspeedtraining.co.uk/health-and-safety/online-manual-handling-training.aspx) | Wyndhame Place |
| R008 | O2345202 | Double | [Supervising Food Safety](https://www.highspeedtraining.co.uk/food-safety/training/level3-supervising-food-safety-catering.aspx) | Wyndhame Place |
| R009 | O2345202 | Studio | [Fire Warden Training](https://www.highspeedtraining.co.uk/health-and-safety/fire-warden-training.aspx) | Wyndhame Place |
| R010 | O2345203 | Studio | [Data Protection](https://www.highspeedtraining.co.uk/financial-services/data-protection-course.aspx) | Wyndhame Place |

Trainer

| Trainer**ID** | TrainerName | TrainerNumber |
| --- | --- | --- |
| T02347 | Mr Zeberdee | 07546100784 |
| T01234 | Dr Von Gooswing | 07448122469 |
| T01336 | Mrs Seal | 07487125600 |
| T01501 | Ms Pitstop | 07255234452 |
| T01201 | Mr Penrose | 07568254123 |
| T01111 | Mr Benny Ball | 07568257723 |

**Allocation**

| **StudentID** | **NumberOfStudent** | **Date** | **CurrentCourseID** | **CrrentCourseTutor** |
| --- | --- | --- | --- | --- |
| C0123 | 20 | 12/09/2014 | CU555 | Mr Ali |
| P150 | 25 | 12/09/2014 | CU444 | Dr Elly |
| M678 | 15 | 14/09/2014 | CU333 | Mrs Mason |
| P342 | 15 | 14/09/2014 | CU1010 | Ms Jackson |
| B455 | 25 | 15/09/2014 | CU1201 | Mr Avery |
| P056 | 20 | 15/09/2014 | CU222 | Mr Evelyn |

**CurrentCourse**

| **CourseCode** | **StartDate** | **RoomID** | **CurrentlyRunningCourses** | **TrainerID** | **NumberOfStudent** | **Revenue(in pound)** | **CurrentCourseCost(in pound)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C001 | 12/01/2015 | R004 | First Aid Training | T02347 | 20 | 1500 | 200 |
| C002 | 12/01/2015 | R006 | Safeguarding | T01234 | 30 | 1400 | 275 |
| C003 | 14/02/2015 | R007 | [Manual Handling Training](https://www.highspeedtraining.co.uk/health-and-safety/online-manual-handling-training.aspx) | T01336 | 20 | 2400 | 250 |
| C004 | 14/02/2015 | R008 | [Supervising Food Safety](https://www.highspeedtraining.co.uk/food-safety/training/level3-supervising-food-safety-catering.aspx) | T01501 | 15 | 2400 | 250 |
| C005 | 15/03/2015 | R009 | [Fire Warden Training](https://www.highspeedtraining.co.uk/health-and-safety/fire-warden-training.aspx) | T01201 | 30 | 1400 | 200 |
| C006 | 15/04/2015 | R010 | [Data Protection](https://www.highspeedtraining.co.uk/financial-services/data-protection-course.aspx) | T01111 | 15 | 1500 | 275 |