

1. Create a table with columns

```
CREATE TABLE `takeo`.`employeeinfo` (  
  `EmployeeId` INT NOT NULL,  
  `EmployeeLogin` VARCHAR(45) NOT NULL,  
  `EmployeeAddress` VARCHAR(45) NOT NULL,  
  `EmployeeDOB` DATE NOT NULL,  
  `EmployeeInfocol` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`EmployeeId`, `EmployeeLogin`, `EmployeeAddress`,  
  `EmployeeInfocol`, `EmployeeDOB`));
```

2. Create five records for primary key

```
CREATE TABLE `takeo`.`employeeinfo` (  
  `EmployeeId` INT NOT NULL,  
  `EmployeeLogin` VARCHAR(45) NOT NULL,  
  `EmployeeAddress` VARCHAR(45) NOT NULL,  
  `EmployeeDOB` DATE NOT NULL,  
  `EmployeeInfocol` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`EmployeeId`, `EmployeeLogin`, `EmployeeAddress`,  
  `EmployeeInfocol`, `EmployeeDOB`));
```

3. Create five records for unique key

```
CREATE TABLE `takeo`.`client` (  
  `ClientID` INT NOT NULL,  
  `CleintName` VARCHAR(45) NOT NULL,  
  `CleintStreetNo` INT NOT NULL,  
  `ClientZipCode` VARCHAR(45) NOT NULL,  
  `cleintDOB` DATE NOT NULL,
```

```

UNIQUE INDEX `ClientID_UNIQUE` (`ClientID` ASC) VISIBLE,
UNIQUE INDEX `CleintName_UNIQUE` (`CleintName` ASC) VISIBLE,
UNIQUE INDEX `CleintStreetNo_UNIQUE` (`CleintStreetNo` ASC) VISIBLE,
UNIQUE INDEX `ClientZipCode_UNIQUE` (`ClientZipCode` ASC) VISIBLE,
UNIQUE INDEX `cleintDOB_UNIQUE` (`cleintDOB` ASC) VISIBLE);

```

4.create five records for not null

```

CREATE TABLE `takeo`.`orders` (
  `orderId` INT NOT NULL,
  `orderDate` DATE NOT NULL,
  `orderTracking` VARCHAR(45) NOT NULL,
  `TotalOrder` INT NOT NULL,
  `orderBalance` VARCHAR(45) NOT NULL);

```

5. Create five records for check constraint

```

CREATE TABLE `takeo`.`patient` (
  `Patient Name` VARCHAR(50) NOT NULL,
  `Age` INT NOT NULL CHECK (Age>=18) ,
  `contact` INT NULL,
  `address` VARCHAR(45) NULL,
  `emergency Contact` INT NULL);

```

6. Create five records for default key

```

CREATE TABLE `takeo`.`patient` (
  `Patient Name` VARCHAR(50) NOT NULL,
  `Age` INT NULL,
  `contact` INT NULL,

```

```

`address` VARCHAR(45) NULL,
`emergency Contact` INT NULL,
`HospitalName` VARCHAR(60) NULL) DEFAULT 'City Hospital';

```

Open a notepad or microsoft word

Write about primary key in

3 lines?

- A primary key in SQL is a single field or group of fields that specifically identifies a record. A NULL value cannot exist in any of the fields that make up the primary key. There can only be one primary key per table.

What's the common feature in we see in primary key and unique key

Primary Key	Unique Key
<ul style="list-style-type: none"> ➤ Unique identifier for rows of a table ➤ Cannot be NULL ➤ Only one primary key can be present in a table 	<ul style="list-style-type: none"> ➤ Unique identifier for rows of a table when primary key is not present ➤ Can be NULL ➤ Multiple Unique Keys can be present in a table