CREATE DATABASE coursemgmt;

CREATE TABLE `coursemgmt`.`usertable` (

`id` INT NOT NULL AUTO\_INCREMENT,

`username` VARCHAR(45) NOT NULL,

`email` VARCHAR(45) NOT NULL,

`role` VARCHAR(45) NOT NULL DEFAULT 'USER',

PRIMARY KEY (`id`));

CREATE TABLE `coursemgmt`.`coursetable` (

`id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(45) NOT NULL,

`description` VARCHAR(45) NOT NULL,

`skills` VARCHAR(45) NOT NULL,

`trainerid` INT NOT NULL,

`updatedtimestamp` TIMESTAMP NULL DEFAULT NULL,

PRIMARY KEY (`id`),

UNIQUE INDEX `id\_UNIQUE` (`id` ASC) VISIBLE,

INDEX `trainerid\_fk\_idx` (`trainerid` ASC) VISIBLE,

CONSTRAINT `trainerid\_fk`

FOREIGN KEY (`trainerid`)

REFERENCES `coursemgmt`.`usertable` (`id`)

ON DELETE CASCADE

ON UPDATE RESTRICT);

CREATE TABLE `coursemgmt`.`usercoursetable` (

`id` INT NOT NULL AUTO\_INCREMENT,

`userid` INT NOT NULL,

`courseid` INT NOT NULL,

PRIMARY KEY (`id`),

INDEX `courseid\_fk2\_idx` (`courseid` ASC) VISIBLE,

INDEX `userid\_fk1\_idx` (`userid` ASC) VISIBLE,

CONSTRAINT `courseid\_fk2`

FOREIGN KEY (`courseid`)

REFERENCES `coursemgmt`.`coursetable` (`id`)

ON DELETE CASCADE

ON UPDATE RESTRICT,

CONSTRAINT `userid\_fk1`

FOREIGN KEY (`userid`)

REFERENCES `coursemgmt`.`usertable` (`id`)

ON DELETE CASCADE

ON UPDATE RESTRICT);

CREATE TABLE `coursemgmt1`.`trainingmaterials` (

`id` INT NOT NULL AUTO\_INCREMENT,

`courseid` INT NOT NULL,

`filedata` LONGBLOB NOT NULL,

`filename` VARCHAR(45) NOT NULL,

`filetype` VARCHAR(100) NOT NULL,

`fileuploadtime` TIMESTAMP NOT NULL,

PRIMARY KEY (`id`),

INDEX `cid\_fk\_idx` (`courseid` ASC) VISIBLE,

CONSTRAINT `cid\_fk`

FOREIGN KEY (`courseid`)

REFERENCES `coursemgmt1`.`coursetable` (`id`)

ON DELETE CASCADE

ON UPDATE RESTRICT);

Use coursemgmt;

INSERT INTO usertable (username,email,role) VALUES ("Ravindra", "kvrreddy1997@gmail.com", "ADMIN");