**Create main table :**

**CREATE TABLE `Candidates`.`Candidates` ( `id` INT NOT NULL AUTO\_INCREMENT , `name` VARCHAR(255) NOT NULL , `age` VARCHAR(255) NOT NULL , `application\_date` DATE NOT NULL , `role` VARCHAR(255) NOT NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;**

**Additional task - if you want to have foreign key for role column, in above table, in this SQL code instead of role column as VARCHAR you have to type INT. Otherwise you will have to delete all data in Candidate table, and do following things.**

**( If you chose INT in first sql code, then skip, and do not execute this optional code below)**

**—— optional**

**• Change role field type to INT in Candidate table (to set id from Role table as foreign key (types have to be the same)) :**

ALTER TABLE `Candidates` CHANGE `role` `role` INT(255) NOT NULL;

**—— end optional**

**• Create Role table :**

CREATE TABLE `Candidates`.`Role` ( `id` INT NOT NULL AUTO\_INCREMENT , `name` TEXT NOT NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;

**• Create relation between Candidate and Role :**

ALTER TABLE `Candidates` ADD FOREIGN KEY (`role`) REFERENCES `Role`(`id`) ON DELETE RESTRICT ON UPDATE RESTRICT;