**5. CREATE STATEMENTS**

create database blood\_bank;

use blood\_bank;

CREATE TABLE IF NOT EXISTS `blood\_bank`.`BloodBank` (

`BNO` INT NOT NULL,

`Bloodtype` VARCHAR(45) NOT NULL,

`orders` VARCHAR(45) NOT NULL,

`issues` VARCHAR(45) NOT NULL,

PRIMARY KEY (`BNO`));

CREATE TABLE IF NOT EXISTS `blood\_bank`.`Receptionist` (

`empid` INT NOT NULL,

`name` VARCHAR(45) NOT NULL,

`email\_id` VARCHAR(45) NOT NULL,

`phno` VARCHAR(45) NOT NULL,

`BloodBank\_BNO` INT NOT NULL,

PRIMARY KEY (`empid`),

FOREIGN KEY (`BloodBank\_BNO`)

REFERENCES `blood\_bank`.`BloodBank` (`BNO`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `blood\_bank`.`Donar` (

`DID` INT NOT NULL,

`Name` VARCHAR(45) NOT NULL,

`age` VARCHAR(45) NOT NULL,

`Address` VARCHAR(45) NOT NULL,

`Phno` INT(10) NOT NULL,

`Sex` VARCHAR(45) NOT NULL,

`Receptionist\_empid` int NOT NULL,

PRIMARY KEY (`DID`),

FOREIGN KEY (`Receptionist\_empid`)

REFERENCES `blood\_bank`.`Receptionist` (`empid`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `blood\_bank`.`Blood` (

`Code` INT NOT NULL,

`Cost` VARCHAR(45) NOT NULL,

`Bloodtype` VARCHAR(45) NOT NULL,

`Donar\_DID` INT NOT NULL,

`BloodBank\_BNO` INT NOT NULL,

PRIMARY KEY (`Code`),

FOREIGN KEY (`Donar\_DID`)

REFERENCES `blood\_bank`.`Donar` (`DID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

FOREIGN KEY (`BloodBank\_BNO`)

REFERENCES `blood\_bank`.`BloodBank` (`BNO`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `blood\_bank`.`BLoodBankManager` (

`empid` INT NOT NULL,

`phno` VARCHAR(45) NOT NULL,

`Name` VARCHAR(45) NOT NULL,

`email\_id` VARCHAR(45) NOT NULL,

`BloodBank\_BNO` INT NOT NULL,

PRIMARY KEY (`empid`),

FOREIGN KEY (`BloodBank\_BNO`)

REFERENCES `blood\_bank`.`BloodBank` (`BNO`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

CREATE TABLE IF NOT EXISTS `blood\_bank`.`Hospital` (

`name` VARCHAR(30) NOT NULL,

`phno` VARCHAR(45) NOT NULL,

`address` VARCHAR(45) NOT NULL,

PRIMARY KEY (`name`, `phno`));

CREATE TABLE IF NOT EXISTS `blood\_bank`.`BloodBank\_has\_Hospital` (

`BloodBank\_BNO` INT NOT NULL,

`Hospital\_name` VARCHAR(30) NOT NULL,

`Hospital\_phno` VARCHAR(45) NOT NULL,

PRIMARY KEY (`BloodBank\_BNO`, `Hospital\_name`, `Hospital\_phno`),

FOREIGN KEY (`BloodBank\_BNO`)

REFERENCES `blood\_bank`.`BloodBank` (`BNO`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

FOREIGN KEY (`Hospital\_name` , `Hospital\_phno`)

REFERENCES `blood\_bank`.`Hospital` (`name` , `phno`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);