/\*Creation query for Employees table\*/

DROP TABLE IF EXISTS Employees;

CREATE TABLE `Employees`(

`EmployeeID`INT NOT NULL AUTO\_INCREMENT,

`First\_Name` VARCHAR(25) NOT NULL,

`Middle\_Name` VARCHAR(25) NULL,

`Last\_Name` VARCHAR(25) NOT NULL,

`Email` VARCHAR(50) NOT NULL,

`Password` VARCHAR(25) NOT NULL,

`Creation\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

`Created\_By` INT NULL,

`Last\_Active` DATETIME NULL,

`ACTIVE` BOOLEAN NOT NULL default 1,

PRIMARY KEY(`EmployeeID`),

CONSTRAINT `EmpCreated\_By` FOREIGN KEY (`Created\_By`) REFERENCES `Employees`(`EmployeeID`) ON DELETE SET NULL

);

/\*Creation query for Roles table\*/

DROP TABLE IF EXISTS Roles;

CREATE TABLE `Roles`(

`RoleID`INT NOT NULL AUTO\_INCREMENT,

`Name` VARCHAR(25) NOT NULL,

`Description` VARCHAR(25) NULL,

`Creation\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

`Created\_By` INT NULL,

PRIMARY KEY(`RoleID`),

FOREIGN KEY(`Created\_By`) REFERENCES `employees`(`EmployeeID`) ON DELETE SET NULL

);

/\*Creation query for Employees-Roles table\*/

DROP TABLE IF EXISTS `Employees-Roles`;

CREATE TABLE `Employees-Roles`(

`TableID`INT NOT NULL AUTO\_INCREMENT,

`EmployeeID` INT NOT NULL,

`RoleID` INT NOT NULL,

PRIMARY KEY(`TableID`),

FOREIGN KEY(`EmployeeID`) REFERENCES `Employees`(`EmployeeID`) ON DELETE CASCADE,

FOREIGN KEY(`RoleID`) REFERENCES `Roles`(`RoleID`) ON DELETE CASCADE

);

/\*Creation query for Products table\*/

DROP TABLE IF EXISTS `Products`;

CREATE TABLE `Products`(

`ProductID`INT NOT NULL AUTO\_INCREMENT,

`Name` VARCHAR(50) NOT NULL,

`Description` VARCHAR(255) NULL,

`Stock` INT NOT NULL,

`Price` DECIMAL(65,2) NOT NULL,

`Creation\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

`Created\_By` INT NULL,

PRIMARY KEY(`ProductID`),

FOREIGN KEY(`Created\_By`) REFERENCES `Employees`(`EmployeeID`) ON DELETE SET NULL

);

/\*Creation query for ProductLogs table\*/

DROP TABLE IF EXISTS `ProductLogs`;

CREATE TABLE `ProductLogs`(

`LogID`INT NOT NULL AUTO\_INCREMENT,

`ProductID` INT NOT NULL,

`Modified\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

`Modified\_By` INT NULL,

`Name` VARCHAR(50) NULL,

`Description` VARCHAR(255) NULL,

`Stock` INT NULL,

`Price` DECIMAL(65, 2) NULL,

PRIMARY KEY(`LogID`),

FOREIGN KEY(`ProductID`) REFERENCES `Products`(`ProductID`) ON DELETE CASCADE,

FOREIGN KEY(`Modified\_By`) REFERENCES `Employees`(`EmployeeID`) ON DELETE SET NULL

);

/\*Creation query for Users table\*/

DROP TABLE IF EXISTS `Users`;

CREATE TABLE `Users`(

`UserID`INT NOT NULL AUTO\_INCREMENT,

`First\_Name` VARCHAR(25) NOT NULL,

`Middle\_Name` VARCHAR(25) NULL,

`Last\_Name` VARCHAR(25) NOT NULL,

`Email` VARCHAR(50) NULL,

`Phone\_Number` VARCHAR(20) NULL,

`Password` VARCHAR(25) NOT NULL,

`Street` VARCHAR(100) NULL,

`House\_Number` INT NULL,

`House\_Number\_Addition` VARCHAR(25) NULL,

`Zipcode` VARCHAR(10) NULL,

`City` VARCHAR(50) NULL,

`Creation\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

PRIMARY KEY(`UserID`)

);

/\*Creation query for OrderHeaders table\*/

DROP TABLE IF EXISTS `OrderHeaders`;

CREATE TABLE `OrderHeaders`(

`HeaderID`INT NOT NULL AUTO\_INCREMENT,

`Order\_By` INT NULL,

`Total\_Price` DECIMAL(65, 2) NOT NULL,

`Deliver\_Adres` VARCHAR(255) NOT NULL,

`Deliver\_Zipcode` VARCHAR(10) NOT NULL,

`Deliver\_City` VARCHAR(50) NOT NULL,

`Creation\_Date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP NOT NULL,

`Finished\_Date` DATETIME NULL,

`Status` VARCHAR(25) NOT NULL,

PRIMARY KEY(`HeaderID`),

FOREIGN KEY(`Order\_By`) REFERENCES `Users`(`UserID`) ON DELETE SET NULL

);

/\*Creation query for OrderLines table\*/

DROP TABLE IF EXISTS `OrderLines`;

CREATE TABLE `OrderLines`(

`LineID`INT NOT NULL AUTO\_INCREMENT,

`HeaderID` INT NOT NULL,

`ProductID` INT NULL,

`Name` VARCHAR(50) NOT NULL,

`Description` VARCHAR(255) NULL,

`Amount` INT NOT NULL,

`Price\_PerUnit` DECIMAL(65, 2) NOT NULL,

`Total\_Price` DECIMAL(65, 2) NOT NULL,

PRIMARY KEY(`LineID`),

FOREIGN KEY(`HeaderID`) REFERENCES `OrderHeaders`(`HeaderID`) ON DELETE CASCADE,

FOREIGN KEY(`ProductID`) REFERENCES `Products`(`ProductID`) ON DELETE SET NULL

);

/\* Trigger for OrderLines Total\_Price \*/

CREATE TRIGGER LineTotalPrice BEFORE INSERT

ON orderlines

FOR EACH ROW

SET NEW.Total\_Price = NEW.Amount \* NEW.Price\_PerUnit;

/\*Data for Employees table\*/

INSERT INTO `Employees` (`First\_Name`, `Middle\_Name`, `Last\_Name`, `Email`, `Password`, `Created\_By`, `ACTIVE`)

VALUES

('Wesley', NULL, 'Geboers', 'w.geboers@student.avans.nl', 'P@ssw0rd@2022!', NULL, 1),

('Marcel', NULL, 'Forman', 'm.forman@student.avans.nl', 'P@ssw0rd@2022!', 1, 1),

('Bart', NULL, 'Frijters', 'bjal.frijters@student.avans.nl', 'P@ssw0rd@2022!', 1, 1),

('Thomas', NULL, 'Daane', 'trbl.daane@student.avans.nl', 'P@ssw0rd@2022!', 1, 1),

('Sanel', 'van den', 'Bogert', 'avd.bogert@student.avans.nl', 'P@ssw0rd@2022!', 1, 1),

('Lysette', NULL, 'Schippers', 'l.schippers@student.avans.nl', 'P@ssw0rd@2022!', 1, 1)