

## مشروع قواعد البيانات

### اسماء الفريق:

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تحت اشراف أ.دكتور/ وائل زكريا

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### المشكلة التي تحلها قاعدة البيانات:

هي قاعدة بيانات تهتم بكل ما يخص مصانع الملابس والغرض منها عمل دراسة جدوى مالية لمصانع الملابس

### Ruirements:

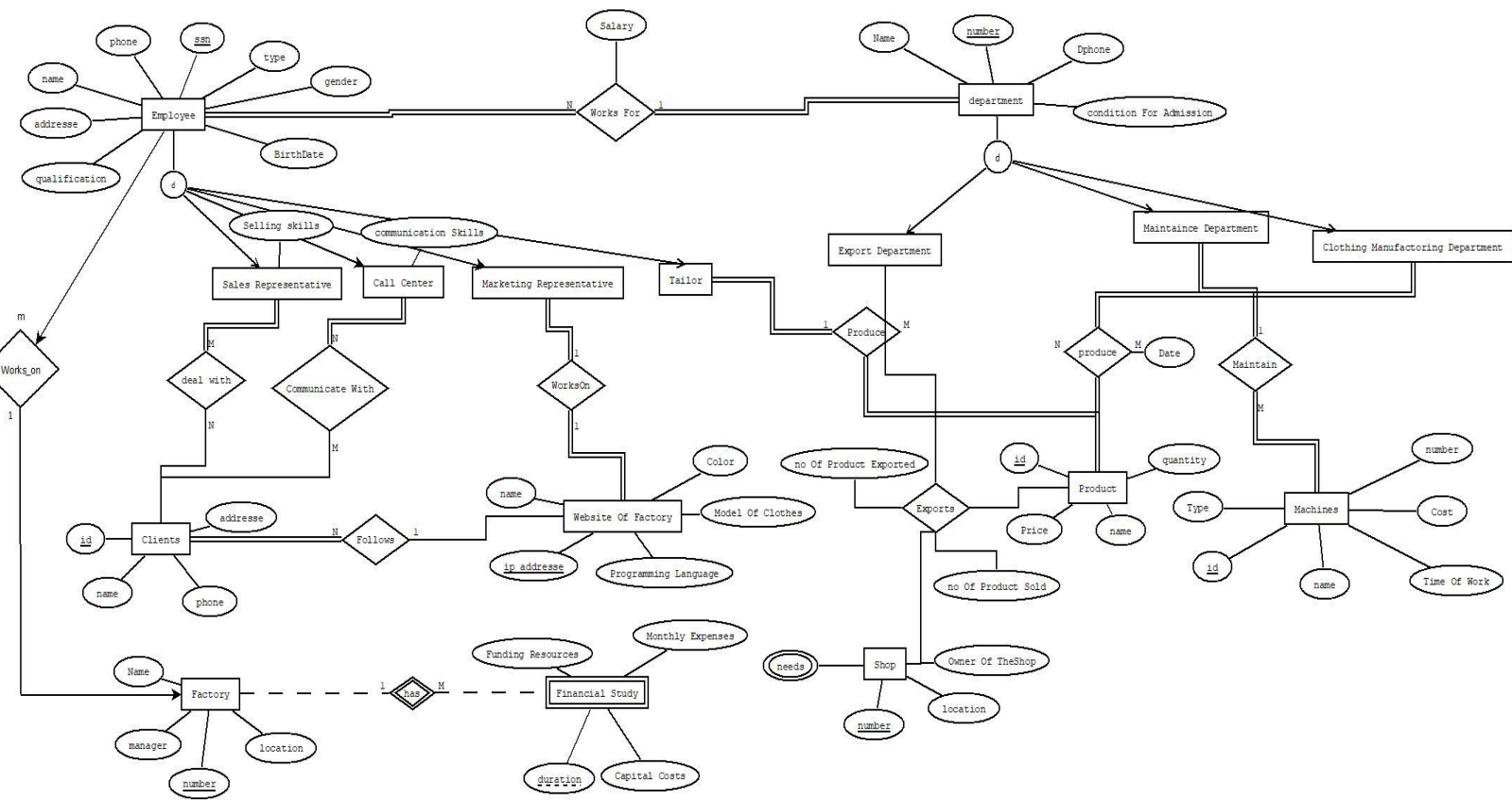
في مصانع الملابس يوجد عاملين والعاملين يوجد منهم

1. الخياطين
  2. مندوبى المبيعات
  3. Call center
  4. مندوبين التسويق
- ويوجد اقسام والاقسام منها
1. الصيانة
  2. صناعة الملابس
  3. التصدير

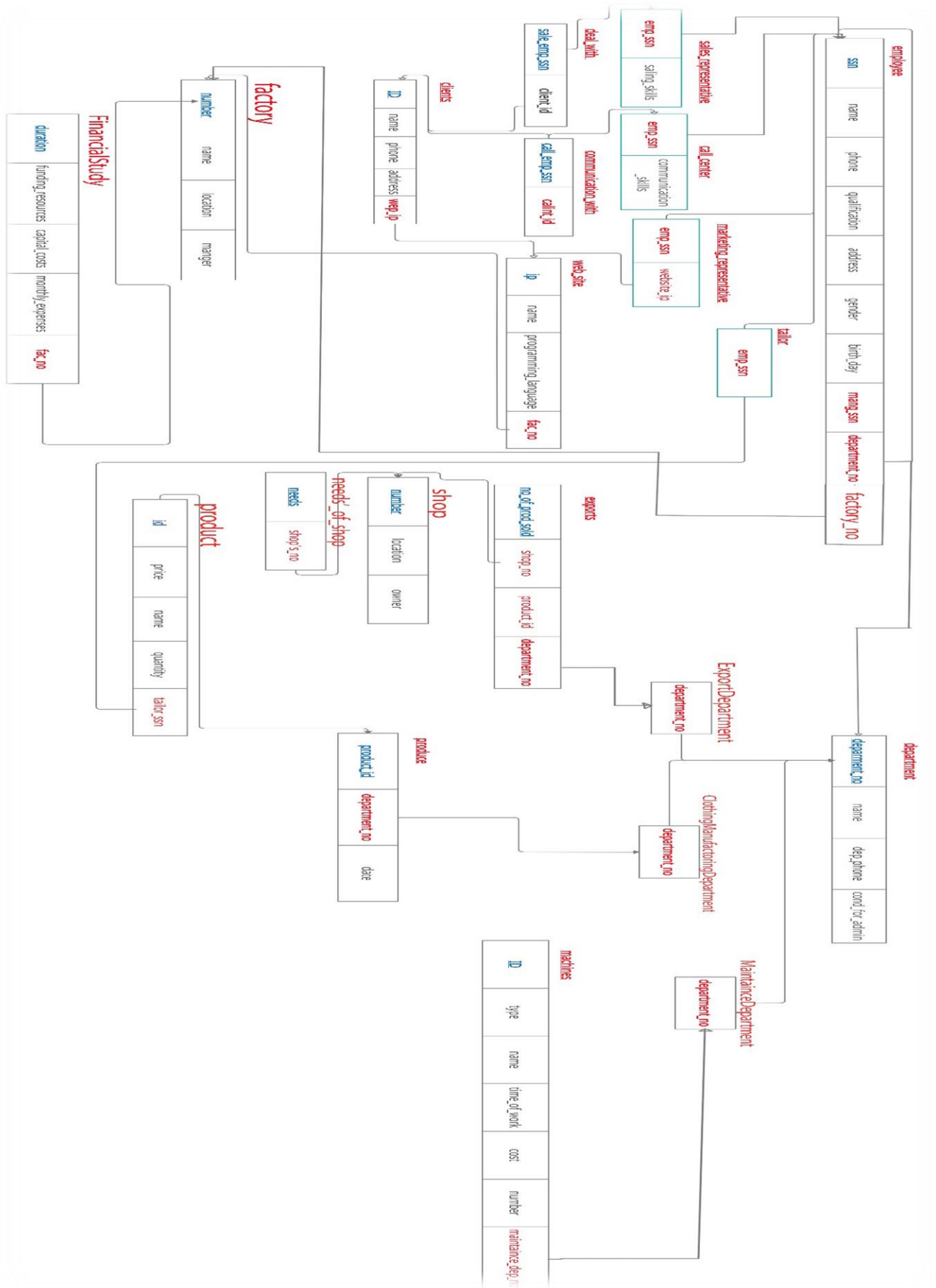
ويوجد عملاء للتعامل مع مندوبين المبيعات لشراء المنتجات ويتواصلون مع ال call center ومندوب التسويق يعمل علي موقع خاص بالمصنع وقسم التصدير يقوم بتصدير منتجات المصنع للمحلات ودراسة الجدوي المالية تهتم بمعرفة التكاليف الرأس مالية والمصاريف الشهرية ومصادر التمويل

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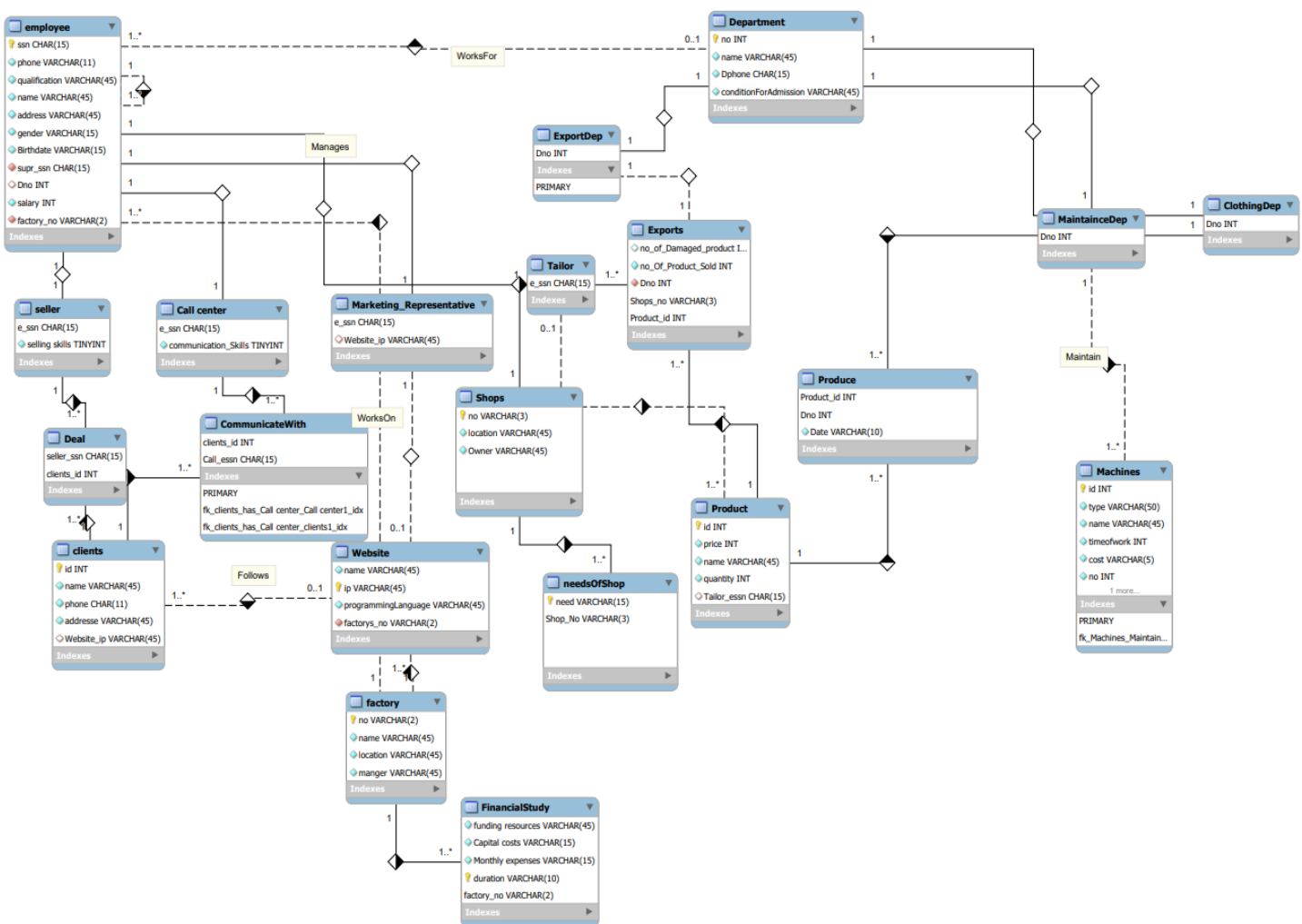
The EER\_diagram:



# The relational\_model



## The workbench diagram



## MySQL Workbench Forward Engineering --

```
;SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0
;SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
SET @OLD_SQL_MODE=@@SQL_MODE,
;SQL_MODE='TRADITIONAL,ALLOW_INVALID_DATES
```

```
----- --
Schema clothesFactory_final --
----- --
```

```
; `DROP SCHEMA IF EXISTS `clothesFactory_final`
```

```
----- --
Schema clothesFactory_final --
----- --
```

```
; CREATE SCHEMA IF NOT EXISTS `clothesFactory_final` DEFAULT CHARACTER SET utf8
; `USE `clothesFactory_final`
```

```
----- --
`Table `clothesFactory_final`.`Department` --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Department`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Department`
,no` INT NOT NULL`
,name` VARCHAR(45) NOT NULL`
,Dphone` CHAR(15) NOT NULL`
,conditionForAdmission` VARCHAR(45) NOT NULL`
(PRIMARY KEY (`no`))
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`factory` --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`factory`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`factory`
,no` VARCHAR(2) NOT NULL`
,name` VARCHAR(45) NOT NULL`
,location` VARCHAR(45) NOT NULL`
,manger` VARCHAR(45) NOT NULL`
,PRIMARY KEY (`no`))
```

```
(UNIQUE INDEX `number_UNIQUE` (`no` ASC)
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`employee` --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`employee`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`employee`
,ssn` CHAR(15) NOT NULL`
,phone` VARCHAR(11) NOT NULL`
,qualification` VARCHAR(45) NOT NULL`
,name` VARCHAR(45) NOT NULL`
,address` VARCHAR(45) NOT NULL`
,gender` VARCHAR(15) NOT NULL`
,Birthdate` VARCHAR(15) NOT NULL`
,supr_ssn` CHAR(15) NOT NULL`
,Dno` INT NULL`
,salary` INT NOT NULL`
,factory_no` VARCHAR(2) NOT NULL`
,PRIMARY KEY (`ssn`)
,INDEX `fk_employee_employee_idx` (`supr_ssn` ASC)
,INDEX `fk_employee_Department1_idx` (`Dno` ASC)
,UNIQUE INDEX `ssn_UNIQUE` (`ssn` ASC)
,INDEX `fk_employee_factorys1_idx` (`factory_no` ASC)
`CONSTRAINT `fk_employee_employee`
FOREIGN KEY (`supr_ssn`)
REFERENCES `clothesFactory_final`.`employee` (`ssn`)
ON DELETE NO ACTION
,ON UPDATE NO ACTION
`CONSTRAINT `fk_employee_Department1`
FOREIGN KEY (`Dno`)
REFERENCES `clothesFactory_final`.`Department` (`no`)
ON DELETE NO ACTION
,ON UPDATE NO ACTION
`CONSTRAINT `fk_employee_factorys1`
FOREIGN KEY (`factory_no`)
REFERENCES `clothesFactory_final`.`factory` (`no`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

----- --  
`Table `clothesFactory\_final`.`Call center --  
----- --

; `DROP TABLE IF EXISTS `clothesFactory\_final`.`Call center

) `CREATE TABLE IF NOT EXISTS `clothesFactory\_final`.`Call center`  
,e\_ssn` CHAR(15) NOT NULL`  
,communication\_Skills` TINYINT NOT NULL`  
,PRIMARY KEY (`e\_ssn`)  
`CONSTRAINT `fk\_Call center\_employee1`  
FOREIGN KEY (`e\_ssn`)  
REFERENCES `clothesFactory\_final`.`employee` (`ssn`)  
ON DELETE NO ACTION  
(ON UPDATE NO ACTION  
;ENGINE = InnoDB

----- --  
`Table `clothesFactory\_final`.`Website --  
----- --

; `DROP TABLE IF EXISTS `clothesFactory\_final`.`Website

) `CREATE TABLE IF NOT EXISTS `clothesFactory\_final`.`Website`  
,name` VARCHAR(45) NOT NULL`  
,ip` VARCHAR(45) NOT NULL`  
,programmingLanguage` VARCHAR(45) NOT NULL`  
,factorys\_no` VARCHAR(2) NOT NULL`  
,PRIMARY KEY (`ip`)  
,UNIQUE INDEX `ipadresse\_UNIQUE` (`ip` ASC)  
,INDEX `fk\_Website\_factorys1\_idx` (`factorys\_no` ASC)  
`CONSTRAINT `fk\_Website\_factorys1`  
FOREIGN KEY (`factorys\_no`)  
REFERENCES `clothesFactory\_final`.`factory` (`no`)  
ON DELETE NO ACTION  
(ON UPDATE NO ACTION  
;ENGINE = InnoDB

----- --  
`Table `clothesFactory\_final`.`Marketing\_Representative --  
----- --

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Marketing_Representative`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Marketing_Representative`  
,e_ssn` CHAR(15) NOT NULL`  
,Website_ip` VARCHAR(45) NULL`  
,PRIMARY KEY (`e_ssn`)  
,INDEX `fk_Marketing_Representative_Website1_idx` (`Website_ip` ASC)  
,UNIQUE INDEX `Website_ipadresse_UNIQUE` (`Website_ip` ASC)  
`CONSTRAINT `fk_Marketing_Representative_employee1`  
FOREIGN KEY (`e_ssn`)  
REFERENCES `clothesFactory_final`.`employee` (`ssn`)  
ON DELETE NO ACTION  
,ON UPDATE NO ACTION  
`CONSTRAINT `fk_Marketing_Representative_Website1`  
FOREIGN KEY (`Website_ip`)  
REFERENCES `clothesFactory_final`.`Website` (`ip`)  
ON DELETE NO ACTION  
(ON UPDATE NO ACTION  
;ENGINE = InnoDB
```

```
----- --  
`Table `clothesFactory_final`.`ExportDep` --  
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`ExportDep`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`ExportDep`  
,Dno` INT NOT NULL`  
,PRIMARY KEY (`Dno`)  
`CONSTRAINT `fk_ExportDepartment_Department1`  
FOREIGN KEY (`Dno`)  
REFERENCES `clothesFactory_final`.`Department` (`no`)  
ON DELETE NO ACTION  
(ON UPDATE NO ACTION  
;ENGINE = InnoDB
```

```
----- --  
`Table `clothesFactory_final`.`MaintainceDep` --  
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`MaintainceDep`
```



```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`MaintainceDep
,Dno` INT NOT NULL`
,PRIMARY KEY (`Dno`)
`CONSTRAINT `fk_MaintainceDepartment_Department1
FOREIGN KEY (`Dno`)
REFERENCES `clothesFactory_final`.`Department` (`no`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`ClothingDep --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`ClothingDep
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`ClothingDep
,Dno` INT NOT NULL`
,PRIMARY KEY (`Dno`)
`CONSTRAINT `fk_ClothingManufactoringDepartment_Department1
FOREIGN KEY (`Dno`)
REFERENCES `clothesFactory_final`.`Department` (`no`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`Tailor --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Tailor
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Tailor
,e_ssn` CHAR(15) NOT NULL`
,PRIMARY KEY (`e_ssn`)
`CONSTRAINT `fk_Tailor_employee1
FOREIGN KEY (`e_ssn`)
REFERENCES `clothesFactory_final`.`employee` (`ssn`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```

----- --
`Table `clothesFactory_final`.`Product --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Product

) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Product
,id` INT NOT NULL`
,price` INT NOT NULL`
,name` VARCHAR(45) NOT NULL`
,quantity` INT NOT NULL`
,Tailor_essn` CHAR(15) NULL`
,PRIMARY KEY (`id`)
,INDEX `fk_Product_Tailor1_idx` (`Tailor_essn` ASC)
,UNIQUE INDEX `id_UNIQUE` (`id` ASC)
,UNIQUE INDEX `Tailor_employee_ssn_UNIQUE` (`Tailor_essn` ASC)
`CONSTRAINT `fk_Product_Tailor1
FOREIGN KEY (`Tailor_essn`)
REFERENCES `clothesFactory_final`.`Tailor` (`e_ssn`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB

```

```

----- --
`Table `clothesFactory_final`.`Shops --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Shops

) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Shops
,no` VARCHAR(3) NOT NULL`
,location` VARCHAR(45) NOT NULL`
,Owner` VARCHAR(45) NOT NULL`
(PRIMARY KEY (`no`))
;ENGINE = InnoDB

```

```

----- --
`Table `clothesFactory_final`.`Machines --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Machines

) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Machines

```

```
,id` INT NOT NULL`
,type` VARCHAR(50) NOT NULL`
,name` VARCHAR(45) NOT NULL`
,timeofwork` INT NOT NULL`
,cost` VARCHAR(5) NOT NULL`
,no` INT NOT NULL`
,dno` INT NOT NULL`
,PRIMARY KEY (`id`)
,INDEX `fk_Machines_MaintainceDepartment1_idx` (`dno` ASC)
`CONSTRAINT `fk_Machines_MaintainceDepartment1
FOREIGN KEY (`dno`)
REFERENCES `clothesFactory_final`.`MaintainceDep` (`Dno`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`needsOfShop` --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`needsOfShop`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`needsOfShop`
,need` VARCHAR(15) NOT NULL`
,Shop_No` VARCHAR(3) NOT NULL`
,PRIMARY KEY (`need`, `Shop_No`)
,INDEX `fk_needsOfShop_Shops1_idx` (`Shop_No` ASC)
,UNIQUE INDEX `needs_UNIQUE` (`need` ASC)
`CONSTRAINT `fk_needsOfShop_Shops1
FOREIGN KEY (`Shop_No`)
REFERENCES `clothesFactory_final`.`Shops` (`no`)
ON DELETE CASCADE
(ON UPDATE CASCADE
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`FinancialStudy` --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`FinancialStudy`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`FinancialStudy`
```

```
,funding resources` VARCHAR(45) NOT NULL`
,Capital costs` VARCHAR(15) NOT NULL`
,Monthly expenses` VARCHAR(15) NOT NULL`
,duration` VARCHAR(10) NOT NULL`
,factory_no` VARCHAR(2) NOT NULL`
,PRIMARY KEY (`duration`,`factory_no`)
,INDEX `fk_FinancialStudy_factorys1_idx` (`factory_no` ASC)
`CONSTRAINT `fk_FinancialStudy_factorys1
FOREIGN KEY (`factory_no`)
REFERENCES `clothesFactory_final`.`factory` (`no`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`clients --
```

```
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`clients
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`clients
,id` INT NOT NULL`
,name` VARCHAR(45) NOT NULL`
,phone` CHAR(11) NOT NULL`
,addresse` VARCHAR(45) NOT NULL`
,Website_ip` VARCHAR(45) NULL`
,PRIMARY KEY (`id`)
,INDEX `fk_clients_Website1_idx` (`Website_ip` ASC)
`CONSTRAINT `fk_clients_Website1
FOREIGN KEY (`Website_ip`)
REFERENCES `clothesFactory_final`.`Website` (`ip`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`CommunicateWith --
```

```
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`CommunicateWith
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`CommunicateWith
```

```
,clients_id` INT NOT NULL`
,Call_essn` CHAR(15) NOT NULL`
,PRIMARY KEY (`clients_id`, `Call_essn`)
,INDEX `fk_clients_has_Call center_Call center1_idx` (`Call_essn` ASC)
,INDEX `fk_clients_has_Call center_clients1_idx` (`clients_id` ASC)
`CONSTRAINT `fk_clients_has_Call center_clients1
FOREIGN KEY (`clients_id`)
REFERENCES `clothesFactory_final`.`clients` (`id`)
ON DELETE NO ACTION
,ON UPDATE NO ACTION
`CONSTRAINT `fk_clients_has_Call center_Call center1
FOREIGN KEY (`Call_essn`)
REFERENCES `clothesFactory_final`.`Call center` (`e_ssn`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`Produce --
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Produce
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Produce
,Product_id` INT NOT NULL`
,Dno` INT NOT NULL`
,Date` VARCHAR(10) NOT NULL`
,PRIMARY KEY (`Product_id`, `Dno`)
INDEX `fk_Product_has_ClothingManufacturingDepartment_ClothingManu_idx` (`Dno`
,ASC)
INDEX `fk_Product_has_ClothingManufacturingDepartment_Product1_idx` (`Product_id`
,ASC)
`CONSTRAINT `fk_Product_has_ClothingManufacturingDepartment_Product1
FOREIGN KEY (`Product_id`)
REFERENCES `clothesFactory_final`.`Product` (`id`)
ON DELETE NO ACTION
,ON UPDATE NO ACTION
`CONSTRAINT `fk_Product_has_ClothingManufacturingDepartment_ClothingManufa1
FOREIGN KEY (`Dno`)
REFERENCES `clothesFactory_final`.`ClothingDep` (`Dno`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
```

```
;ENGINE = InnoDB
```

```
----- --  
`Table `clothesFactory_final`.`Exports` --  
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Exports`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Exports`  
,no_of_Damaged_product` INT NULL`  
,no_Of_Product_Sold` INT NOT NULL`  
,Dno` INT NOT NULL`  
,Shops_no` VARCHAR(3) NOT NULL`  
,Product_id` INT NOT NULL`  
,PRIMARY KEY (`Shops_no`, `Product_id`)  
,INDEX `fk_Exports_Shops1_idx` (`Shops_no` ASC)  
,INDEX `fk_Exports_Product1_idx` (`Product_id` ASC)  
`CONSTRAINT `fk_Exports_ExportDepartment1`  
FOREIGN KEY (`Dno`)  
REFERENCES `clothesFactory_final`.`ExportDep` (`Dno`)  
ON DELETE NO ACTION  
,ON UPDATE NO ACTION  
`CONSTRAINT `fk_Exports_Shops1`  
FOREIGN KEY (`Shops_no`)  
REFERENCES `clothesFactory_final`.`Shops` (`no`)  
ON DELETE NO ACTION  
,ON UPDATE NO ACTION  
`CONSTRAINT `fk_Exports_Product1`  
FOREIGN KEY (`Product_id`)  
REFERENCES `clothesFactory_final`.`Product` (`id`)  
ON DELETE NO ACTION  
(ON UPDATE NO ACTION  
;ENGINE = InnoDB
```

```
----- --  
`Table `clothesFactory_final`.`seller` --  
----- --
```

```
; `DROP TABLE IF EXISTS `clothesFactory_final`.`seller`
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`seller`  
,e_ssn` CHAR(15) NOT NULL`
```

```
,selling skills` TINYINT NOT NULL`
,UNIQUE INDEX `e_ssn_UNIQUE` (`e_ssn` ASC)
,PRIMARY KEY (`e_ssn`)
`CONSTRAINT `e_ssn
FOREIGN KEY (`e_ssn`)
REFERENCES `clothesFactory_final`.`employee` (`ssn`)
ON DELETE CASCADE
(ON UPDATE CASCADE
;ENGINE = InnoDB
```

```
----- --
`Table `clothesFactory_final`.`Deal --
----- --
; `DROP TABLE IF EXISTS `clothesFactory_final`.`Deal
```

```
) `CREATE TABLE IF NOT EXISTS `clothesFactory_final`.`Deal
,seller_ssn` CHAR(15) NOT NULL`
,clients_id` INT NOT NULL`
,INDEX `fk_Deal_saler1_idx` (`seller_ssn` ASC)
,INDEX `fk_Deal_clients1_idx` (`clients_id` ASC)
,PRIMARY KEY (`seller_ssn`, `clients_id`)
`CONSTRAINT `fk_Deal_saler1
FOREIGN KEY (`seller_ssn`)
REFERENCES `clothesFactory_final`.`seller` (`e_ssn`)
ON DELETE NO ACTION
,ON UPDATE NO ACTION
`CONSTRAINT `fk_Deal_clients1
FOREIGN KEY (`clients_id`)
REFERENCES `clothesFactory_final`.`clients` (`id`)
ON DELETE NO ACTION
(ON UPDATE NO ACTION
;ENGINE = InnoDB
```

```
----- --
`Data for table `clothesFactory_final`.`Department --
----- --
;START TRANSACTION
;`USE `clothesFactory_final
```

```

INSERT INTO `clothesFactory_final`.`Department` (`no`, `name`, `Dphone`,
`conditionForAdmission`) VALUES (1, 'ExportDepartment', '0244123456', 'qualified for saling
;')
INSERT INTO `clothesFactory_final`.`Department` (`no`, `name`, `Dphone`,
`conditionForAdmission`) VALUES (2, 'StatisticsDepartment', '0244123455', 'got a Business
;grade ')
INSERT INTO `clothesFactory_final`.`Department` (`no`, `name`, `Dphone`,
`conditionForAdmission`) VALUES (3, 'MaintainceDepartment', '0244123454', 'got
;experiance in machine maintaince')
INSERT INTO `clothesFactory_final`.`Department` (`no`, `name`, `Dphone`,
`conditionForAdmission`) VALUES (4, 'ClothingManufactoringDepartment', '0244123453',
;'good handmade of clothes ')

;COMMIT

```

```

----- --
`Data for table `clothesFactory_final`.`factory` --
----- --

```

```

;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`factory` (`no`, `name`, `location`, `manger`) VALUES
;('F1', 'al nagaah', 'cairo/naser city', 'hesham al gohary')
INSERT INTO `clothesFactory_final`.`factory` (`no`, `name`, `location`, `manger`) VALUES
;('F2', 'al safaa', 'cairo/ramsis', 'saad al dally')
INSERT INTO `clothesFactory_final`.`factory` (`no`, `name`, `location`, `manger`) VALUES
;('F3', 'al gad', 'cairo/ain shams', 'adham al kolly')
INSERT INTO `clothesFactory_final`.`factory` (`no`, `name`, `location`, `manger`) VALUES
;('F4', 'al saada', 'qaluobia /al marg', 'abdallah ahmed')

;COMMIT

```

```

----- --
`Data for table `clothesFactory_final`.`employee` --
----- --

```

```

;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456789', '01011100299', 'good dealer', 'ahmed', 'cairo/helmia ', 'm', '15-5-1999',
;'123456789', 1, 5000, 'F1')

```



```

INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456788', '01011100298', 'good dealer', 'islam', 'cairo/helmia', 'm', '4-6-1995',
;'123456789', 1, 4000, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456787', '01011100297', 'good dealer', 'omar', 'cairo/helmia', 'm', '8-6-1988',
;'123456789', 1, 4500, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456786', '01011100296', 'good dealer', 'mohamed', 'cairo/helmia', 'm', '5-9-1996',
;'123456789', 1, 3000, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456785', '01011100295', 'good dealer', 'hesham', 'cairo/ain shams ', 'm', '3-2-1985',
;'123456789', 1, 2800, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456784', '01011100294', 'good dealer', 'mostafa', 'cairo/ain shams ', 'm', '4-6-1985',
;'123456789', 1, 2800, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456783', '01011100293', 'Business degree ', 'ali', 'cairo/ain shams ', 'm', '1-2-1985',
;'123456783', 2, 5000, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456782', '01011100292', 'Business degree ', 'hassan', 'cairo/ain shams ', 'm', '2-3-1985',
;'123456783', 2, 5500, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456781', '01011100291', 'Business degree ', 'saad', 'cairo/ain shams ', 'm', '3-4-1985',
;'123456783', 2, 4600, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456780', '01011100290', 'Business degree ', 'hussan', 'cairo/ain shams ', 'm', '5-6-1985',
;'123456783', 2, 5200, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456779', '01011100289', 'Business degree ', 'mahmod', 'cairo/ain shams ', 'm', '6-7-
1997', '123456783', 2, 3800, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES

```

```

('123456778', '01011100288', 'Business degree ', 'moataz', 'cairo/ain shams ', 'm', '7-8-1997',
;'123456783', 2, 2600, 'F4')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456777', '01011100287', 'Business degree ', 'mohsen', 'cairo/ain shams ', 'm', '8-7-
;1997', '123456783', 2, 5100, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456776', '01011100286', 'Business degree ', 'smeer', 'cairo/ain shams ', 'm', '5-4-1997',
;'123456783', 2, 4400, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456775', '01011100285', 'Business degree ', 'saed', 'cairo/ain shams ', 'm', '6-2-1997',
;'123456783', 2, 4700, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456774', '01011100284', 'Business degree ', 'said', 'giza/shobra', 'm', '8-1-1997',
;'123456783', 2, 4000, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456773', '01011100283', 'got experiance in machine maintaince', 'hossam',
;'giza/shobra', 'm', '2-5-1997', '123456773', 3, 3900, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456772', '01011100282', 'got experiance in machine maintaince', 'montaser',
;'giza/shobra', 'm', '5-3-1997', '123456773', 3, 3700, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456771', '01011100281', 'got experiance in machine maintaince', 'abdo', 'giza/shobra',
;'m', '7-9-1991', '123456773', 3, 6000, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456770', '01011100280', 'got experiance in machine maintaince', 'baher', 'giza/shobra',
;'m', '5-10-1991', '123456773', 3, 5700, 'F3')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456769', '01011100279', 'got experiance in machine maintaince', 'hamza',
;'giza/shobra', 'm', '20-9-1991', '123456773', 3, 5400, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456768', '01011100278', 'got experiance in machine maintaince', 'hazem',
;'giza/shobra', 'm', '28-2-1991', '123456773', 3, 6000, 'F2')

```

```

INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456767', '01011100277', 'got experiance in machine maintaince', 'mina', 'giza/monieb',
;'m', '14-12-1991', '123456773', 3, 2500, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456765', '01011100276', 'good handmade of clothes ', 'asmaa', 'giza/masaraa', 'f', '9-6-
;1991', '123456765', 4, 2800, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456764', '01011100275', 'good handmade of clothes ', 'salma', 'giza/masaraa', 'f', '5-2-
;1991', '123456765', 4, 3700, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456763', '01011100274', 'good handmade of clothes ', 'fatma', 'giza/masaraa', 'f', '3-2-
;1991', '123456765', 4, 5000, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456762', '01011100273', 'good handmade of clothes ', 'zinab', 'qaluobia/al marg', 'f', '5-
;5-1992', '123456765', 4, 2770, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456761', '01011100272', 'good handmade of clothes ', 'alaa', 'qaluobia/al marg', 'f', '1-
;1-1992', '123456765', 4, 4000, 'F2')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456760', '01011100271', 'good handmade of clothes ', 'hadeer', 'qaluobia/al marg', 'f',
;'8-6-1992', '123456765', 4, 4600, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456759', '01011100270', 'good handmade of clothes ', 'yomna', 'qaluobia/al marg', 'f',
;'4-7-1992', '123456765', 4, 4200, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456758', '01011100269', 'good handmade of clothes ', 'aya', 'qaluobia/al marg', 'f', '6-6-
;1992', '123456765', 4, 4300, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
('123456757', '01011100268', 'good handmade of clothes ', 'safa', 'qaluobia/benha', 'f', '1-2-
;1992', '123456765', 4, 4700, 'F1')
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`,
`address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES

```

```
('123456756', '01011100267', 'good handmade of clothes', 'samr', 'qaluobia/benha', 'f', '6-6-1992', '123456765', 4, 5100, 'F1')
```

```
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`, `address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
```

```
('123456755', '01011100266', 'computer skils', 'shrouk', 'qaluobia/benha', 'f', '5-6-2000', '123456765', 4, 5200, 'F1')
```

```
INSERT INTO `clothesFactory_final`.`employee` (`ssn`, `phone`, `qualification`, `name`, `address`, `gender`, `Birthdate`, `supr_ssn`, `Dno`, `salary`, `factory_no`) VALUES
```

```
('123456754', '01011100265', 'computer skils', 'shams', 'qaluobia/benha', 'f', '15-8-1999', '123456765', 4, 5300, 'F1')
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`Call center` --  
----- --
```

```
;START TRANSACTION
```

```
;`USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`Call center` (`e_ssn`, `communication_Skills`) VALUES
```

```
;(5, '123456785')
```

```
INSERT INTO `clothesFactory_final`.`Call center` (`e_ssn`, `communication_Skills`) VALUES
```

```
;(4, '123456784')
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`Website` --  
----- --
```

```
;START TRANSACTION
```

```
;`USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`, `factorys_no`) VALUES ('client_service_A1', '241.10.150.60', 'java script', 'F1')
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`, `factorys_no`) VALUES ('employee_service_A1', '20.115.160.1', 'java script', 'F1')
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`, `factorys_no`) VALUES ('client_service_A2', '242.11.151.61', 'java script', 'F2')
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`, `factorys_no`) VALUES ('employee_service_A2', '21.116.161.2', 'java script', 'F2')
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`, `factorys_no`) VALUES ('client_service_A3', '243.12.152.62', 'java script', 'F3')
```

```
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`,
;`factorys_no`) VALUES ('employee_service_A3', '22.117.162.3', 'java script', 'F3')
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`,
;`factorys_no`) VALUES ('client_service_A4', '244.13.153.63', 'java script', 'F4')
INSERT INTO `clothesFactory_final`.`Website` (`name`, `ip`, `programmingLanguage`,
;`factorys_no`) VALUES ('employee_service_A4', '23.118.163.4', 'java script', 'F4')
```

```
;COMMIT
```

```
----- --
`Data for table `clothesFactory_final`.`Marketing_Representative` --
----- --
```

```
;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`Marketing_Representative` (`e_ssn`, `Website_ip`)
;('154.548.462.1' , '123456755') VALUES
INSERT INTO `clothesFactory_final`.`Marketing_Representative` (`e_ssn`, `Website_ip`)
;('583.243.185.663' , '123456754') VALUES
```

```
;COMMIT
```

```
----- --
`Data for table `clothesFactory_final`.`MaintainceDep` --
----- --
```

```
;START TRANSACTION
;`USE `clothesFactory_final
;(3) INSERT INTO `clothesFactory_final`.`MaintainceDep` (`Dno`) VALUES
```

```
;COMMIT
```

```
----- --
`Data for table `clothesFactory_final`.`ClothingDep` --
----- --
```

```
;START TRANSACTION
;`USE `clothesFactory_final
;(4) INSERT INTO `clothesFactory_final`.`ClothingDep` (`Dno`) VALUES
```

```
;COMMIT
```

----- --  
`Data for table `clothesFactory\_final`.`Tailor` --  
----- --

```
;START TRANSACTION
;`USE `clothesFactory_final
;('123456765') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456764') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456763') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456762') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456761') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456760') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456759') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456758') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456757') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES
;('123456756') INSERT INTO `clothesFactory_final`.`Tailor` (`e_ssn`) VALUES

;COMMIT
```

----- --  
`Data for table `clothesFactory\_final`.`Product` --  
----- --

```
;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (12, 150, 'jacket', 300, '123456765')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (22, 30, 'jeans', 150, '123456764')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (32, 50, 'pullover', 30, '123456763')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (42, 20, 'shirt', 70, '123456762')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (52, 170, 'suit', 42, '123456761')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (62, 100, 'sweatshirt', 60, '123456760')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (72, 50, 'T-shirt', 55, '123456759')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (82, 300, 'wedding dress', 40, '123456758')
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (92, 140, 'raincoat', 20, '123456757')
```

```
INSERT INTO `clothesFactory_final`.`Product` (`id`, `price`, `name`, `quantity`, `Tailor_essn`)
;VALUES (100, 120, 'dress', 12, '123456756')
```

```
;COMMIT
```

```
----- --
`Data for table `clothesFactory_final`.`Shops` --
----- --
```

```
;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`Shops` (`no`, `location`, `Owner`) VALUES ('S1',
;'GEZA/ZAGAZEK', 'hatem')
INSERT INTO `clothesFactory_final`.`Shops` (`no`, `location`, `Owner`) VALUES ('S2',
;'GEZA/SHOBRA', 'said')
INSERT INTO `clothesFactory_final`.`Shops` (`no`, `location`, `Owner`) VALUES ('S3',
;'CAIRO/ABAS AL AQAD', 'gad')
INSERT INTO `clothesFactory_final`.`Shops` (`no`, `location`, `Owner`) VALUES ('S4',
;'CAIRO/AL HELLMIA', 'mazen')
INSERT INTO `clothesFactory_final`.`Shops` (`no`, `location`, `Owner`) VALUES ('S5',
;'QALUOBIA/AL MARG', 'mohamed')
```

```
;COMMIT
```

```
----- --
`Data for table `clothesFactory_final`.`Machines` --
----- --
```

```
;START TRANSACTION
;`USE `clothesFactory_final
INSERT INTO `clothesFactory_final`.`Machines` (`id`, `type`, `name`, `timeofwork`, `cost`,
;`no`, `dno`) VALUES (40, 'sewing', 'Needle plain sewing machine', 6, '$2000', 4, 3)
INSERT INTO `clothesFactory_final`.`Machines` (`id`, `type`, `name`, `timeofwork`, `cost`,
`no`, `dno`) VALUES (48, 'Lock the end of fabric by sewing', 'High-speed 2-Needle 5-Thread
;overlock machine', 6, '$4000', 3, 3)
INSERT INTO `clothesFactory_final`.`Machines` (`id`, `type`, `name`, `timeofwork`, `cost`,
`no`, `dno`) VALUES (54, 'Attach the button with garments', 'Button stitch machine', 6,
;$1800', 3, 3)
INSERT INTO `clothesFactory_final`.`Machines` (`id`, `type`, `name`, `timeofwork`, `cost`,
`no`, `dno`) VALUES (60, 'Used to cut off the fabric', 'Straight knife cutting machine', 6,
;$3200', 2, 3)
```

```
INSERT INTO `clothesFactory_final`.`Machines` (`id`, `type`, `name`, `timeofwork`, `cost`,  
`no`, `dno`) VALUES (64, 'Used to cut off the fabric', 'Fashion Maker Desmatic machine', 6,  
;$5000', 3, 3)
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`needsOfShop` --  
----- --
```

```
;START TRANSACTION
```

```
;$USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`needsOfShop` (`need`, `Shop_No`) VALUES ('jeans',  
;$S1')
```

```
INSERT INTO `clothesFactory_final`.`needsOfShop` (`need`, `Shop_No`) VALUES ('sweatshirt',  
;$S3')
```

```
INSERT INTO `clothesFactory_final`.`needsOfShop` (`need`, `Shop_No`) VALUES ('pajamas ',  
;$S2')
```

```
INSERT INTO `clothesFactory_final`.`needsOfShop` (`need`, `Shop_No`) VALUES ('dress',  
;$S4')
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`FinancialStudy` --  
----- --
```

```
;START TRANSACTION
```

```
;$USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`FinancialStudy` (`funding resources`, `Capital costs`,  
`Monthly expenses`, `duration`, `factory_no`) VALUES ('AlahlyBank', '40000LE', '78600LE',  
;$1year', 'F1')
```

```
INSERT INTO `clothesFactory_final`.`FinancialStudy` (`funding resources`, `Capital costs`,  
`Monthly expenses`, `duration`, `factory_no`) VALUES ('BankMasr', '30000LE', '60000LE',  
;$2year', 'F2')
```

```
INSERT INTO `clothesFactory_final`.`FinancialStudy` (`funding resources`, `Capital costs`,  
`Monthly expenses`, `duration`, `factory_no`) VALUES ('AlexandriaBank', '20000LE',  
;$50000LE', '7months', 'F3')
```

```
INSERT INTO `clothesFactory_final`.`FinancialStudy` (`funding resources`, `Capital costs`,  
`Monthly expenses`, `duration`, `factory_no`) VALUES ('CairoBank', '15000LE', '45000LE',  
;$6months', 'F4')
```



```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`clients` --  
----- --
```

```
;START TRANSACTION
```

```
;`USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (111, 'ahmed', '0105552211', 'alqorba ', '241.10.150.60')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (112, 'ali', '0115522221', 'alrehab', '241.10.150.60')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (113, 'mona', '0115552223', 'alrehab', '241.10.150.60')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (114, 'islam', '0115553334', 'alrehab', '242.11.151.61')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (115, 'omar', '0115552225', 'alrehab', '242.11.151.61')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (116, 'mahmoud', '0115552227', 'alshrouk', '243.12.152.62')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (117, 'shams', '0116665552', 'alshrouk', '243.12.152.62')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (118, 'moataz', '0113335557', 'alzaton', '243.12.152.62')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (119, 'mohsen', '0117778862', 'alzaton', '244.13.153.63')
```

```
INSERT INTO `clothesFactory_final`.`clients` (`id`, `name`, `phone`, `adresse`, `Website_ip`)
```

```
;VALUES (120, 'hazem', '0114586722', 'alzaton', '245.14.154.64')
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`CommunicateWith` --  
----- --
```

```
;START TRANSACTION
```

```
;`USE `clothesFactory_final`
```

```
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
```

```
;('123456785', 111)
```

```
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
```

```
;('123456785', 113)
```

```

INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456785' ,114)
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456785' ,116)
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456784' ,117)
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456784' ,112)
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456784' ,118)
INSERT INTO `clothesFactory_final`.`CommunicateWith` (`clients_id`, `Call_essn`) VALUES
;('123456784' ,119)

;COMMIT

```

```

----- --
`Data for table `clothesFactory_final`.`Produce` --
----- --

```

```

;START TRANSACTION
;`USE `clothesFactory_final
,4 ,2) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_5_2'
,4 ,12) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_6_10'
,4 ,22) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_6_12'
,4 ,32) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_5_2'
,4 ,42) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_5_10'
,4 ,52) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_10_30'
,4 ,62) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_7_14'
,4 ,72) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_1_20'
,4 ,82) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2020_1_5'
,4 ,92) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES
;('2021_1_13'

```

```
,4 ,100) INSERT INTO `clothesFactory_final`.`Produce` (`Product_id`, `Dno`, `Date`) VALUES  
;('2021_2_12'
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`Exports` --  
----- --
```

```
;START TRANSACTION  
;`USE `clothesFactory_final  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (5, 100, 1, 'S1', 2)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (3, 120, 1, 'S2', 12)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (0, 30, 1, 'S2', 72)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (0, 7, 1, 'S2', 100)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (2, 22, 1, 'S3', 42)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (5, 18, 1, 'S3', 32)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (7, 50, 1, 'S3', 12)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (2, 27, 1, 'S5', 62)  
INSERT INTO `clothesFactory_final`.`Exports` (`no_of_Damaged_product`,  
;`no_Of_Product_Sold`, `Dno`, `Shops_no`, `Product_id`) VALUES (0, 36, 1, 'S5', 52)
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`seller` --  
----- --
```

```
;START TRANSACTION  
;`USE `clothesFactory_final  
;(3 , '123456789') INSERT INTO `clothesFactory_final`.`seller` (`e_ssn`, `selling skills`) VALUES  
;(3 , '123456788') INSERT INTO `clothesFactory_final`.`seller` (`e_ssn`, `selling skills`) VALUES  
;(4 , '123456787') INSERT INTO `clothesFactory_final`.`seller` (`e_ssn`, `selling skills`) VALUES  
;(2 , '123456786') INSERT INTO `clothesFactory_final`.`seller` (`e_ssn`, `selling skills`) VALUES
```

```
;COMMIT
```

```
----- --  
`Data for table `clothesFactory_final`.`Deal` --  
----- --
```

```
;START TRANSACTION
```

```
;`USE `clothesFactory_final`
```

```
,'123456789') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(111
```

```
,'123456789') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(112
```

```
,'123456789') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(113
```

```
,'123456789') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(114
```

```
,'123456787') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(115
```

```
,'123456787') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(116
```

```
,'123456787') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(117
```

```
,'123456786') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(118
```

```
,'123456786') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(111
```

```
,'123456788') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(119
```

```
,'123456788') INSERT INTO `clothesFactory_final`.`Deal` (`seller_ssn`, `clients_id`) VALUES
```

```
;(120
```

```
;COMMIT
```

```
;SET SQL_MODE=@OLD_SQL_MODE
```

```
;SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS
```

```
;SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS
```

## Queries and their results

/\*1-Shows all workers who are earning more than 5000 and are working in the statistics department\*/

```
select e.name ,salary,d.name  
from employee e,department d  
where e.dno=d.no and salary>5000 and d.name='StatisticsDepartment';
```

	name	salary	name
▶	mohsen	5100	StatisticsDepartment
	hussan	5200	StatisticsDepartment
	hassan	5500	StatisticsDepartment

/\*2-Show the employee name that produces "suit"\*/

```
select e.name  
from employee e,tailor t,Product p  
where e.ssn=t.e_ssn and t.e_ssn=p.Tailor_essn and p.name='suit';
```

	name
▶	alaa

/\*3-Show the needs of the shop whose owner is called Hatem\*/

```
select need , s.owner as shop_mng  
from needsOfShop n ,shops s  
where s.no=n.Shop_No and s.owner='hatem';
```

	need	shop_mng
▶	jeans	hatem

```

/*4-View the number of customers who use the company's sites group by site
name*/
select w.name, count(c.id) as 'no.client'
from website w, clients c
where w.ip=c.Website_ip
group by w.name

```

	website name	no.client
▶	client_service_A1	3
	client_service_A2	2
	client_service_A3	3
	client_service_A4	1

```

/*5-Show all male workers who work in Section One and their address
contains"ain"*/
select name
from employee
where address like '%ain%' and gender='m' and dno='1';

```

	name
	mostafa
	hesham

id of the clients who dealt with the seller who called احمد /\*6-Show the names Ahmed\*/

```
select d.clients_id,c.name as 'client name' ,e.name as 'seller_name'
from deal d, clients c ,seller s ,employee e
where c.id=d.clients_id and s.e_ssn=d.seller_ssn and e.ssn=s.e_ssn and
e.name='ahmed';
```

	clients_id	client name	seller_name
▶	111	ahmed	ahmed
	112	ali	ahmed
	113	mona	ahmed
	114	islam	ahmed

```
/*7-Show the net profit of the company from each product*/
select no_Of_Product_Sold,p.price ,no_Of_Product_Sold*p.price as 'Net profit'
from exports e,Product p
where p.id=e.Product_id;
```

	no_Of_Product_Sold	price	Net profit
▶	120	150	18000
	30	50	1500
	7	120	840
	50	150	7500
	18	50	900
	22	20	440
	36	170	6120
	27	100	2700

```

/*8-Show the Financial losses of the company from each product*/
select no_of_Damaged_product,p.price as 'price/$'
,no_of_Damaged_product*p.price as 'Financial losses/$'
from exports e,Product p
where p.id=e.Product_id;

```

	no_of_Damaged_product	price/\$	Financial losses/\$
▶	3	150	450
	0	50	0
	0	120	0
	7	150	1050
	5	50	250
	2	20	40
	0	170	0
	2	100	200

```

/*9-View the number of damaged parts of each product*/
select p.name,no_of_Damaged_product
from exports e,product p
where p.id=e.Product_id;

```

	name	no_of_Damaged_product
▶	jacket	3
	T-shirt	0
	dress	0
	jacket	7
	pullover	5
	shirt	2
	suit	0
	sweatshirt	2



```

/*10-Show addresses and the number of employees who Live in it*/
select address, count(name) as 'no of employees who Live in it'
from employee
group by address;

```

	address	no of employees who Live in it
▶	cairo/ain shams	11
	cairo/helmia	4
	giza/masaraa	3
	giza/monieb	1
	giza/shobra	7
	qaluobia/al marg	5
	qaluobia/benha	4

```

/*11-Show the factory number that the customer"Islam" deals with, through the site*/
select f.no ,c.name
from factory f,website w, clients c
where f.no=w.factorys_no and w.ip=c.Website_ip and c.name='islam';

```

	no	name
▶	F2	islam