

Solution du TP 1

Creparc.sql

-- Creation des tables et PK

```
CREATE TABLE Segment
  (indIP      varchar(11),
   nomSegment varchar(20) NOT NULL,
   etage      TINYINT(1),
   CONSTRAINT pk_Segment PRIMARY KEY (indIP));
```

```
CREATE TABLE Salle
  (nSalle     varchar(7),
   nomSalle   varchar(20) NOT NULL,
   nbPoste    TINYINT(2),
   indIP      varchar(11),
   CONSTRAINT pk_salle PRIMARY KEY (nSalle));
```

```
CREATE TABLE Poste
  (nPoste     varchar(7),
   nomPoste   varchar(20) NOT NULL,
   indIP      varchar(11),
   ad         varchar(3),
   typePoste  varchar(9),
   nSalle     varchar(7),
   CONSTRAINT pk_Poste PRIMARY KEY (nPoste),
   CONSTRAINT ck_ad    CHECK (ad BETWEEN '000' AND '255'));
```

```
CREATE TABLE Logiciel
  (nLog       varchar(5),
   nomLog     varchar(20) NOT NULL,
   dateAch    DATETIME,
   version    varchar(7),
   typeLog    varchar(9),
   prix       DECIMAL(6,2),
   CONSTRAINT pk_Logiciel PRIMARY KEY (nLog),
   CONSTRAINT ck_prix    CHECK (prix >= 0));
```

```
CREATE TABLE Installer
  (nPoste     varchar(7),
   nLog       varchar(5),
   numIns     INTEGER(5) AUTO_INCREMENT,
   dateIns    TIMESTAMP DEFAULT NOW(),
   delai      DECIMAL(8,2),
   CONSTRAINT pk_Installer PRIMARY KEY(numIns));
```

```
CREATE TABLE Types
  (typeLP     varchar(9), nomType varchar(20),
   CONSTRAINT pk_types PRIMARY KEY(typeLP));
```

descParc.sql

```
DESC Segment;  
DESC Salle;  
DESC Poste;  
DESC Logiciel;  
DESC Installer;  
DESC Types;
```

dropParc.sql

```
DROP TABLE PCseuls;  
DROP TABLE Softs;  
  
DROP TABLE  Installer;  
DROP TABLE  Logiciel;  
DROP TABLE  Poste;  
DROP TABLE  Types;  
DROP TABLE  Salle;  
DROP TABLE  Segment;
```