II Parte del parcial.

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Modelo conceptual ER

Imagen que contiene texto, pizarrón

Descripción generada automáticamente

Modelo lógico relacional normalizado

|  |  |  |
| --- | --- | --- |
| BAR | | |
| Pk | Nom\_bar | N |
|  | Ciudad | N |
|  | Calle | N |
| Fk | Id\_tel\_bar | S |

|  |  |  |
| --- | --- | --- |
| AMIGO | | |
| Pk | cedula | N |
|  | Nom\_am | N |
|  | Ape\_am | N |
|  | Edad | N |
| Fk | Id\_tel | N |

|  |  |  |
| --- | --- | --- |
| AMIGO\_CV | | |
| Pk (Fk) | cedula | N |
| Pk (Fk) | Nom\_cv | N |
|  | Grado\_gusto | N |

|  |  |  |
| --- | --- | --- |
| CERVEZA | | |
| Pk | Nom\_cv | N |
|  | Marca | N |
|  | Grado\_alc | S |

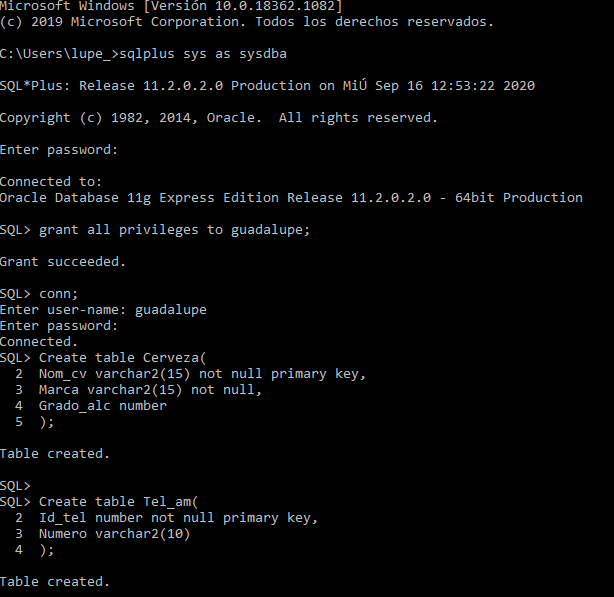
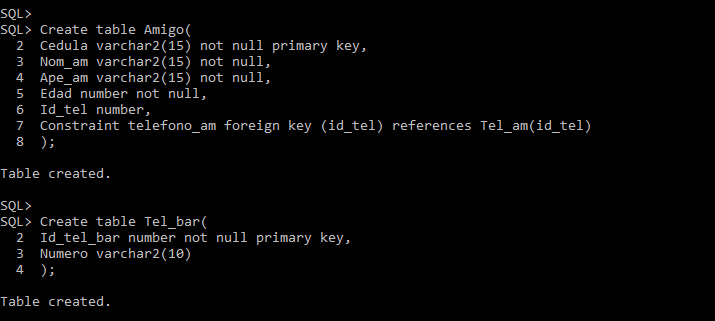
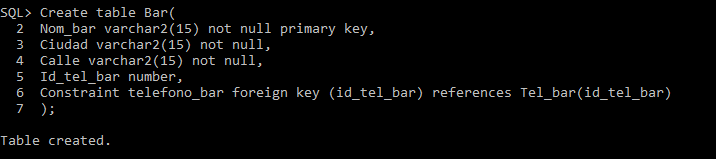
|  |  |  |
| --- | --- | --- |
| CV\_BAR | | |
| Pk (Fk) | Nom\_cv | N |
| Pk (Fk) | Nom\_bar | N |

|  |  |  |
| --- | --- | --- |
| AMIGO\_BAR | | |
| Pk (Fk) | cedula | N |
| Pk (Fk) | Nom\_bar | N |

|  |  |  |
| --- | --- | --- |
| TEL\_AM | | |
| Pk | Id\_tel | N |
|  | numero | N |

|  |  |  |
| --- | --- | --- |
| TEL\_BAR | | |
| Pk | Id\_tel\_bar | N |
|  | numero | N |

Modelo físico

Create table Cerveza(

Nom\_cv varchar2(15) not null primary key,

Marca varchar2(15) not null,

Grado\_alc number

);

Create table Tel\_am(

Id\_tel number not null primary key,

Numero varchar2(10)

);

Create table Amigo(

Cedula varchar2(15) not null primary key,

Nom\_am varchar2(15) not null,

Ape\_am varchar2(15) not null,

Edad number not null,

Id\_tel number,

Constraint telefono\_am foreign key (id\_tel) references Tel\_am(id\_tel)

);

Create table Tel\_bar(

Id\_tel\_bar number not null primary key,

Numero varchar2(10)

);

Create table Bar(

Nom\_bar varchar2(15) not null primary key,

Ciudad varchar2(15) not null,

Calle varchar2(15) not null,

Id\_tel\_bar number,

Constraint telefono\_bar foreign key (id\_tel\_bar) references Tel\_bar(id\_tel\_bar)

);