Bases de Datos 1

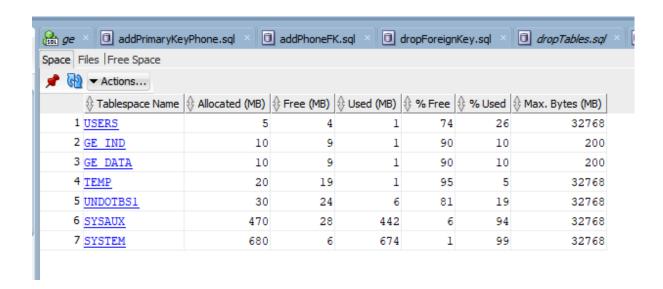
Laboratorio 1

- Fabián Bustos
- Ian Murillo

Evidencia Laboratorio 1

Ejercicio 1:

Accediendo desde system a los tablespaces de la base de datos se pueden observar los tablespaces GE_IND y GE_DATA:



Ejercicio 2:

Mediante el SABD se puede observar el esquema GE creado



Ejercicio 3:

Tabla People

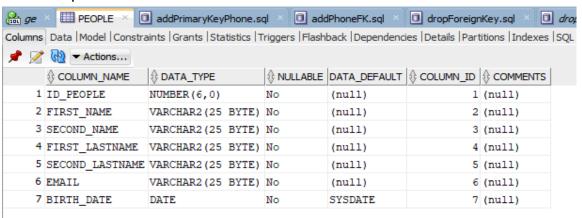


Tabla People comentada

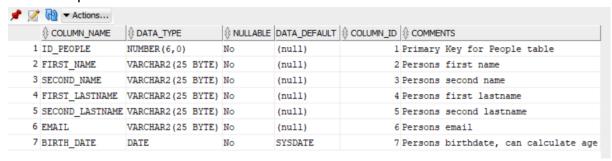


Tabla Phone:

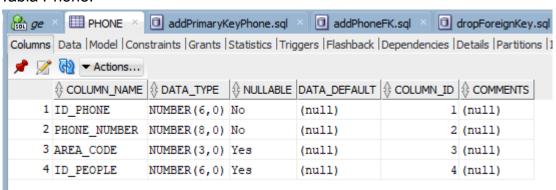
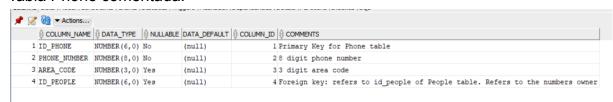


Tabla Phone comentada:



Ejercicio 4:

Primary Key de tabla People:

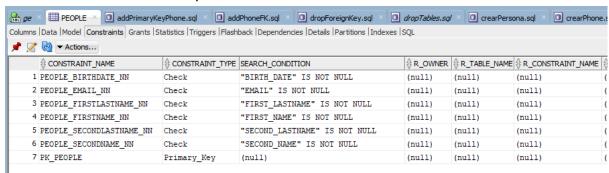


Primary Key de tabla Phone:

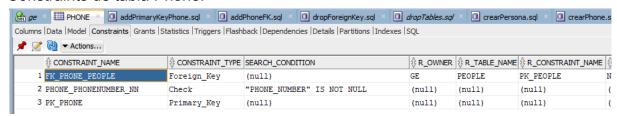


Ejercicio 5:

Constraints de la tabla People:



Constraints de tabla Phone:



Ejercicio 6:



Ejercicio 7:

Tabla People y sus constraints

	▼ Actions					
		DATA_TYPE		DATA_DEFAULT		
1	ID_PEOPLE	NUMBER(6,0)	No	(null)	1	(null)
2	FIRST_NAME	VARCHAR2 (25 BY	TE) No	(null)	2	(null)
3	SECOND_NAME	VARCHAR2 (25 BY	TE) No	(null)	3	(null)
4	FIRST_LASTNAME	VARCHAR2 (25 BY	TE) No	(null)	4	(null)
5	SECOND_LASTNAME	VARCHAR2 (25 BY	TE) No	(null)	5	(null)
6	EMAIL	VARCHAR2 (25 BY	TE) No	(null)	6	(null)
7	BIRTH_DATE	DATE	No	SYSDATE	7	(null)

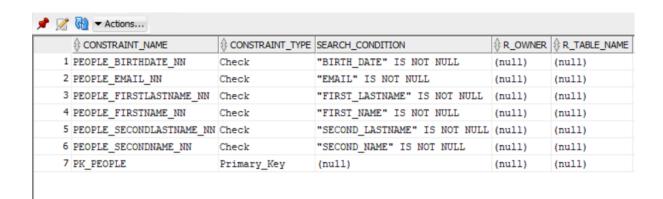


Tabla People comentada:

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID		VTS
1	ID_PEOPLE	NUMBER(6,0)	No	(null)	1	Primary	Key for People table
2	FIRST_NAME	VARCHAR2 (25 BYTE)	No	(null)	2	Clients	first name
3	SECOND_NAME	VARCHAR2 (25 BYTE)	No	(null)	3	Clients	second name
4	FIRST_LASTNAME	VARCHAR2 (25 BYTE)	No	(null)	4	Clients	first lastname
5	SECOND_LASTNAME	VARCHAR2 (25 BYTE)	No	(null)	5	Clients	second lastname
6	EMAIL	VARCHAR2 (25 BYTE)	No	(null)	6	Clients	personal email
7	BIRTH DATE	DATE	No	SYSDATE	7	Clients	birth date. Can calculate age from i

Tabla Grocery y sus constraints

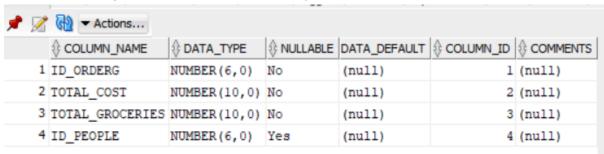
		DATA_TYPE	NULLABLE	DATA_DEFAULT		
1	ID_GROCERY	NUMBER(6,0)	No	(null)	1	(null)
2	TYPE_GROCERY	VARCHAR2 (25 BYTE)	No	(null)	2	(null)
3	AMOUNT	NUMBER(6,0)	No	(null)	3	(null)
4	ID_ORDER	NUMBER(6,0)	Yes	(null)	4	(null)
5	ID_PRICE	NUMBER(6,0)	Yes	(null)	5	(null)

			SEARCH_CONDITION	R_OWNER			4
1	FK_GROCERY_ORDER	Foreign_Key	(null)	AD	ORDERG	PK_ORDERG	ľ
2	FK_GROCERY_PRICE	Foreign_Key	(null)	AD	PRICE	PK_PRICE	ľ
3	GROCERY_AMOUNT_NN	Check	"AMOUNT" IS NOT NULL	(null)	(null)	(null)	(
4	PK_GROCERY	Primary_Key	(null)	(null)	(null)	(null)	(
5	TYPE GROCERY NN	Check	"TYPE GROCERY" IS NOT NULL	(null)	(null)	(null)	(

Tabla Grocery comentada:

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT & COLUM	IN_ID ⊕ COMMENTS
1 ID_GROCERY	NUMBER(6,0)	No	(null)	1 Primary Key for Grocery table
2 TYPE_GROCERY	VARCHAR2 (25 BYTE)	No	(null)	2 Text for the specific type of grocery. Must be unique for each Grocery
3 AMOUNT	NUMBER(6,0)	No	(null)	3 Number for the amount of single grocery that is being purchased
4 ID_ORDER	NUMBER(6,0)	Yes	(null)	4 Foreign Key: refers to id_orderG of table orderG
5 ID_PRICE	NUMBER(6,0)	Yes	(null)	5 Foreign Key: refers to id_price of table price

Tabla OrderG y sus constraints (se utilizó el nombre OrderG, "G" de groceries, para evitar utilizar la palabra reservada ORDER)



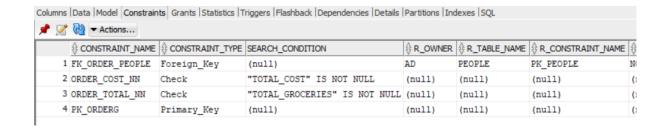


Tabla OrderG comentada:

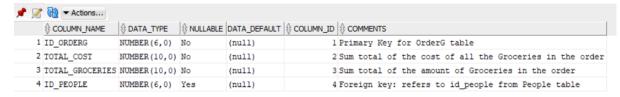
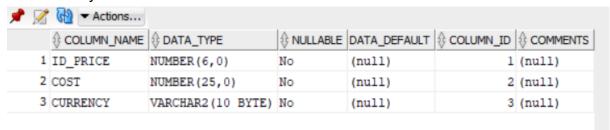
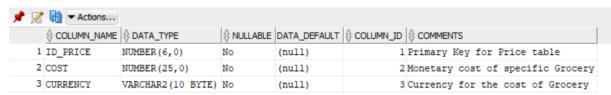


Tabla Price y sus constraints:



			SEARCH_CONDITION	R_OWNER	R_TABLE_NAME		1
1	PK_PRICE	Primary_Key	(null)	(null)	(null)	(null)	(
2	PRICE_COST_NN	Check	"COST" IS NOT NULL	(null)	(null)	(null)	(
3	PRICE_CURRENCY_NN	Check	"CURRENCY" IS NOT NULL	(null)	(null)	(null)	(

Tabla Price comentada:

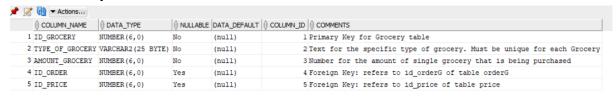


Ejercicio 8:

Tabla Grocery original

	COLUMN_NAME	DATA_TYPE	♦ NULLABLE	DATA_DEFAULT	COLUMN_ID	
1	ID_GROCERY	NUMBER(6,0)	No	(null)	1	Primary Key for Grocery table
2	TYPE_GROCERY	VARCHAR2(25 BYTE)	No	(null)	2	Text for the specific type of grocery. Must be unique for each Grocery
3	AMOUNT	NUMBER(6,0)	No	(null)	3	Number for the amount of single grocery that is being purchased
4	ID_ORDER	NUMBER(6,0)	Yes	(null)	4	Foreign Key: refers to id_orderG of table orderG
5	ID_PRICE	NUMBER(6,0)	Yes	(null)	5	Foreign Key: refers to id_price of table price

Tabla Grocery modificada:



Ejercicio 9:

Tabla People original:

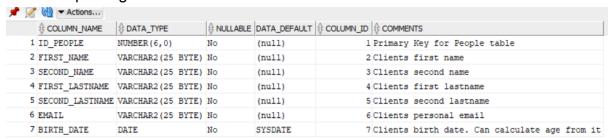


Tabla People con first_name modificado:

	COLUMN_NAME	DATA_TYPE		DATA_DEFAULT			NTS
1	ID_PEOPLE	NUMBER(6,0)	No	(null)	1	Primary	Key for People table
2	FIRST_NAME	VARCHAR2 (50 BY	TE) No	(null)	2	Clients	first name
3	SECOND_NAME	VARCHAR2 (25 BY	TE) No	(null)	3	Clients	second name
4	FIRST_LASTNAME	VARCHAR2 (25 BY	TE) No	(null)	4	Clients	first lastname
5	SECOND_LASTNAME	VARCHAR2 (25 BY	TE) No	(null)	5	Clients	second lastname
6	EMAIL	VARCHAR2 (25 BY	TE) No	(null)	6	Clients	personal email
7	BIRTH DATE	DATE	No	SYSDATE	7	Clients	birth date. Can calculate age from it