

G30

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Sistema de Gestión Escolar Simple (SGES)

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Diagrama Entidad Relación (DER)

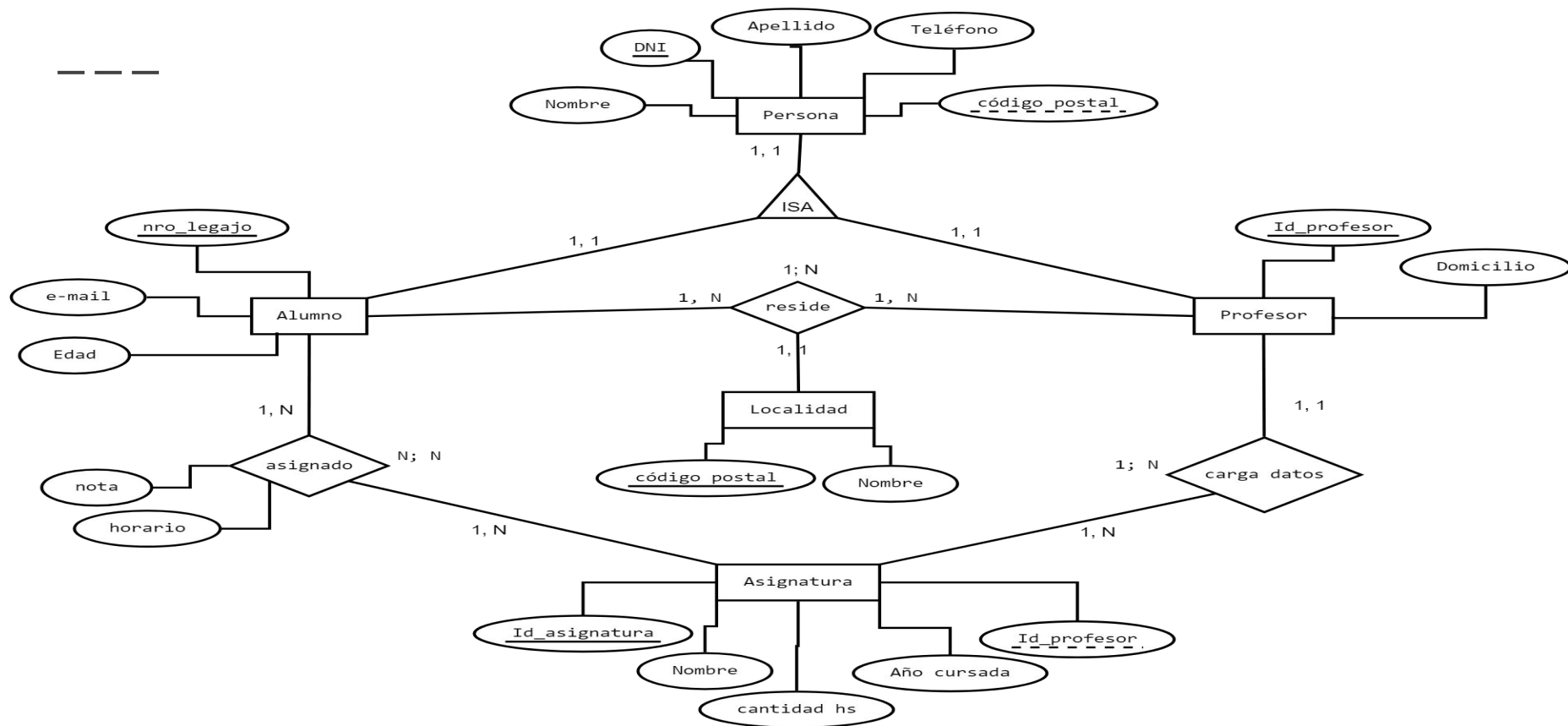


Diagrama Crow Foot

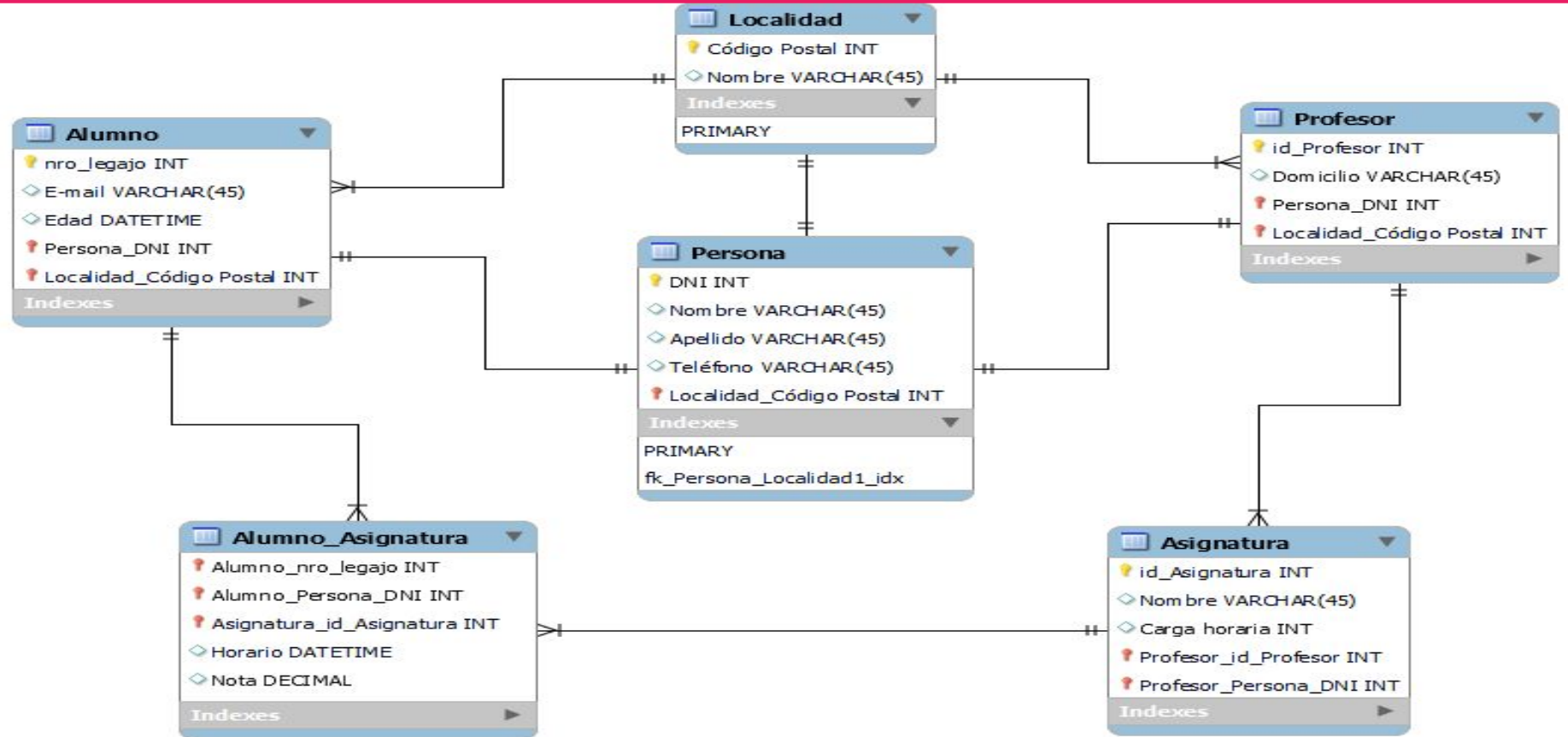
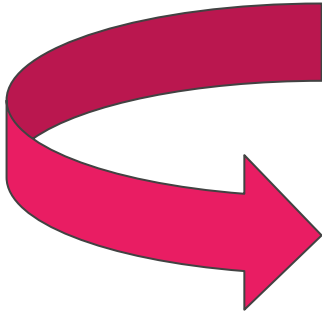


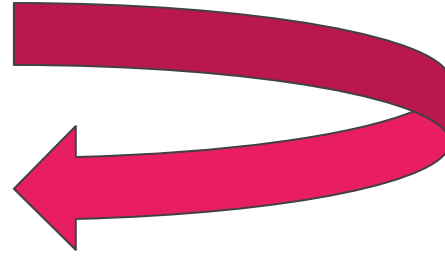
Tabla ALUMNO en MySQL Workbench



The screenshot shows the MySQL Workbench interface. At the top, a toolbar contains various icons for file operations, execution, and navigation. Below the toolbar, a SQL editor displays the query: `SELECT * FROM mydb.alumno;`. The 'Limit to 1000 rows' dropdown is visible. Below the editor, the 'Result Grid' tab is active, showing a table with 6 columns: `nro_legajo`, `E-mail`, `Edad`, `Persona_DNI`, and `Localidad_Código Postal`. The table contains 4 rows of data, with the last row showing NULL values. The table is styled with alternating light blue and white rows.

	nro_legajo	E-mail	Edad	Persona_DNI	Localidad_Código Postal
▶	135573808	yesica.pesqueira@gmail.com	33	35573808	5010
	241756661	lourdesferreyrafarías@gmail.com	25	41756661	2000
	330331023	celemontivero2@gmail.com	34	30331023	5013
*	NULL	NULL	NULL	NULL	NULL

Tabla LOCALIDAD en MySQL Workbench



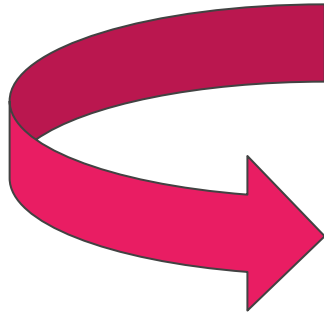
The screenshot shows the MySQL Workbench interface. At the top, there is a toolbar with various icons. Below the toolbar, a SQL query is entered in the editor:

```
1 • SELECT * FROM mydb.localidad;
```

Below the query editor, the 'Result Grid' tab is active. It displays the results of the query in a table format. The table has two columns: 'Codigo_Postal' and 'Nombre'. The results are as follows:

	Codigo_Postal	Nombre
▶	2000	Rosario
	5010	Cordoba
	5013	Villa allende
*	NULL	NULL

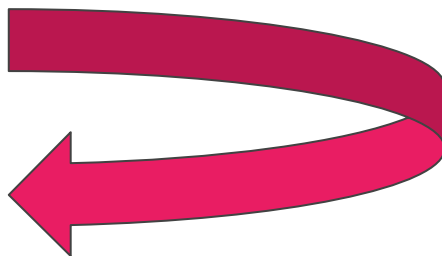
Tabla PERSONA en MySQL Workbench



The screenshot shows the MySQL Workbench interface. At the top, a toolbar contains various icons for file operations, editing, and viewing. Below the toolbar, a SQL editor window displays the query: `SELECT * FROM mydb.persona;`. The query is numbered '1'. To the right of the query, a dropdown menu indicates 'Limit to 1000 rows'. Below the SQL editor, a 'Result Grid' tab is active, showing the results of the query. The results are displayed in a table with six columns: DNI, Nombre, Apellido, Teléfono, and Localidad_Cód Postal. The table contains five data rows and one row for NULL values. The first row is highlighted with a blue background.

	DNI	Nombre	Apellido	Teléfono	Localidad_Cód Postal
▶	11111111	profe dos	profesor	3512222222	5013
	22222222	profe uno	profesor	3511111111	5013
	30331023	Celeste	alumnodos	3519876543	5013
	35573808	Yesica Pesqueira	Pesqueira	3518669970	5010
	41756661	Lourdes	alumnouno	3511234567	2000
*	NULL	NULL	NULL	NULL	NULL

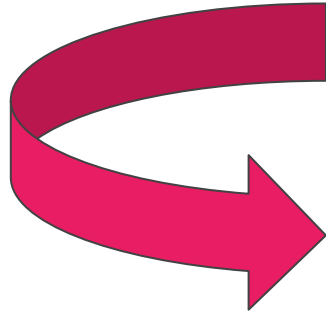
Tabla PROFESOR en MySQL Workbench



The screenshot shows the MySQL Workbench interface. At the top, there is a toolbar with various icons. Below it, a SQL editor contains the query: `1 • SELECT * FROM mydb.profesor;`. Below the editor is the 'Result Grid' tab, which displays the results of the query in a table format. The table has four columns: 'id_Profesor', 'Domicilio', 'Persona_DNI', and 'Localidad_Postal'. There are three rows of data: a row with id 10, a row with id 20, and a row with NULL values. The first two rows are highlighted in light blue.

	id_Profesor	Domicilio	Persona_DNI	Localidad_Postal
▶	10	cordoba	11111111	5013
	20	Villa allende	22222222	5013
*	NULL	NULL	NULL	NULL

Tabla ASIGNATURA en MySQL Workbench

The screenshot shows the MySQL Workbench interface. At the top, there's a toolbar with various icons. Below it, a SQL editor contains the query: `SELECT * FROM mydb.asignatura;`. Below the editor is the 'Result Grid' tab, which displays the query results in a table. The table has five columns: `id_Asignatura`, `Nombre`, `Carga horaria`, `Profesor_id_Profesor`, and `Profesor_Person`. There are three rows of data: one for 'Matematica' (id 100, carga 4, profesor 10), one for 'Programacion' (id 200, carga 6, profesor 20), and a row with all NULL values. The interface also shows a 'Filter Rows' field and 'Edit' and 'Export/Import' buttons.

Result Grid | Filter Rows: | Edit: | Export/Import:

	id_Asignatura	Nombre	Carga horaria	Profesor_id_Profesor	Profesor_Person
▶	100	Matematica	4	10	11111111
	200	Programacion	6	20	22222222
*	NULL	NULL	NULL	NULL	NULL

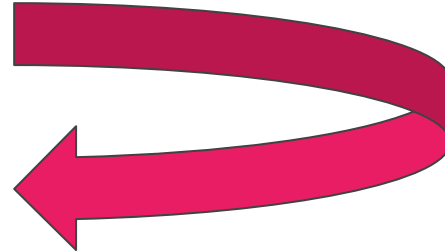


```
1 • SELECT * FROM mydb.alumno_asignatura;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

Alumno_nro_legajo	Alumno_Persona_DNI	Asignatura_id_Asignatura	Horario	Nota
135573808	35573808	100	10:00	8
241756661	41756661	200	11:00	8
330331023	30331023	100	10:00	7
NULL	NULL	NULL	NULL	NULL

Tabla ALUMNO_ASIGNATURA en MySQL Workbench



Consulta N° 1: Una sola tabla con WHERE

InstitucionBD* alumno persona x

Limit to 1000 rows

```
1 • SELECT * FROM persona where Nombre = "profe uno"
```

2

Result Grid

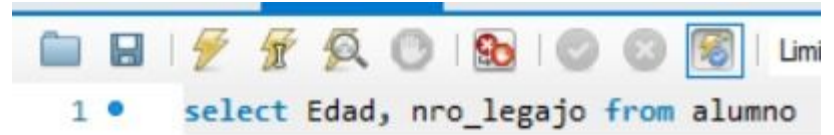
Filter Rows:

Edit:

Export/Import:

	DNI	Nombre	Apellido	Teléfono	Localidad_Código Postal
▶	22222222	profe uno	profesor	3511111111	5013
*	NULL	NULL	NULL	NULL	NULL

Consulta N° 2: Una sola tabla mostrando una sola columna



A screenshot of a database result grid. The grid has two columns: 'Edad' and 'nro_legajo'. The first row is highlighted in blue. The second row is highlighted in light blue. The third row is highlighted in light blue. The fourth row is highlighted in light blue. The grid is titled 'Result Grid' and has a 'Filter Rows' input field and an 'Export' button.

	Edad	nro_legajo
▶	33	135573808
	25	241756661
	34	330331023

Participar del Proyecto Final del Módulo Programador para TSCDIA
ha sido...

desafiante

in crescendo

dinámico

colaborativo

infinito

Para **Yesica**, este PROYECTO ha sido... UN DESAFÍO en el aprendizaje de CRUD y GIT HUB...

Para **Lourdes**, este PROYECTO ha sido... UN DESAFÍO en el aprendizaje de Python...

Para **Celeste**, este PROYECTO ha sido... UN DESAFÍO en el aprendizaje de MySQL...

...PERO LO HEMOS SOSTENIDO... ¡¡EN EQUIPO!!

<https://github.com/PJVT/PI-ISPC-G30/tree/main>

¡MUCHAS GRACIAS!