

CONSULTA BASICA

SQLQuery5.sql - DESKTOP-PSL5BPG\SQLEXPRESS01.UMG (DESKTOP-PSL5BPG\edwinsjosueargueta (58))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

- Connect
- DESKTOP-PSL5BPG\SQLEXPRESS01 (SQL Server)
- Databases
 - System Databases
 - Database Snapshots
 - UMG
 - Database Diagrams
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 - System Tables
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 - Graph Tables
 - dbo.asistencia
 - dbo.notas_finales
 - dbo.tareas
 - dbo.Tb_alumnos
 - Columns
 - Keys
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 - External Resources
 - Synonyms
 - Programmability
 - Query Store
 - Service Broker
 - Storage
 - Security
 - Security
 - Server Objects
 - Replication
 - Management
 - XEvent Profiler

SQLQuery5.sql - DE...josueargueta (58))*

```
select * from Tb_alumnos
```

Results Messages

	carnet	Estudiante	email	seccion
1	0905-10-1279	NERY OSBERTO ESQUIVEL PALMA	nesquivelp1@miung.edu.gt	B
2	0905-15-14297	MARIO DAVID TERETA SAPALUN	mteretas@miung.edu.gt	B
3	0905-15-9622	JERY ALEXANDER BARRIENTOS PERAZA	jbarrientosp@miung.edu.gt	B
4	0905-17-20273	SERGIO ANDRES CASTELLANOS SARCEÑO	scastellanos1@miung.edu.gt	A
5	0905-18-4689	FERNANDO JOSE VASQUEZ GONZALEZ	fvasquezg7@miung.edu.gt	B
6	0905-19-6478	MARVIN ISMAEL RECINOS MAZARIEGOS	mrecinosm9@miung.edu.gt	B
7	0905-20-5562	CRISTIAN ALEXANDER CASTILLO CASTILLO	ccastillo10@miung.edu.gt	B
8	0905-21-4966	PABLO ALEXANDER GRIJALVA BARAHONA	pgrijalvab@miung.edu.gt	A
9	0905-21-9650	FERNANDO ENRIQUE JOSE NAJERA GODOY	fnajerag@miung.edu.gt	A
10	0905-22-11274	LEYVI LORENA REVOLORIO Y REVOLORIO	llorena@miung.edu.gt	A
11	0905-22-1146	EDUARDO GABRIEL VISONI MORALES	evisonim@miung.edu.gt	A
12	0905-22-5811	MILDRED HANANI PINEDA PINEDA	mpinedap3@miung.edu.gt	B
13	0905-22-7933	JOAQUIN MANUEL ESTUARDO RAMIREZ VEGA	jramirezv16@miung.edu.gt	A
14	0905-22-9918	DAYLY YURISEL ORELLANA ORELLANA	dorellanao4@miung.edu.gt	A
15	0905-23-13800	MARIO JOSE BARRERA LINAREZ	mbarrera14@miung.edu.gt	A
16	0905-23-15220	ABNER JOEL MATEO HERNANDEZ	amateroh@miung.edu.gt	A
17	0905-23-15654	NERY DANIEL VASQUEZ Y VASQUEZ	nvasquezv1@miung.edu.gt	A
18	0905-23-18976	CARLOS FERNANDO MELGAR CORADO	cmelgaro4@miung.edu.gt	B
19	0905-23-20562	ODVIN ALEXIS MENDEZ LEMUS	omendezl4@miung.edu.gt	A
20	0905-23-2991	JOSTYN MANRIQUE GODOY CHINCHILLA	jgodoyc15@miung.edu.gt	A
21	0905-23-302	CRISTIAN OLIVER BATEN ITZEP	cbateni1@miung.edu.gt	A
22	0905-23-796	HECTOR LUIS GUSTAVO MELLADO SARCEÑO	hmellados@miung.edu.gt	B
23	0905-24-10033	LITZI YASMIRA PINEDA CERMENO	lpinedac7@miung.edu.gt	A
24	0905-24-10061	JOSE ALFONSO LINARES MUNOZ	jlinaresm3@miung.edu.gt	A
25	0905-24-10433	JORGE MARIO CANO COBON	jcanoc5@miung.edu.gt	A
26	0905-24-11709	KATHYA SOFIA MELGAR MARROQUIN	kmelgarm2@miung.edu.gt	A
27	0905-24-11747	ANTONY EZEQUIEL PINEDA PINEDA	apinedap10@miung.edu.gt	B
28	0905-24-12088	JEFERSON OSLEE CERMENO PINEDA	jcermenop2@miung.edu.gt	A
29	0905-24-12697	DILENA IRENA GRIJALVA TENAS	dgrijalvat1@miung.edu.gt	A
30	0905-24-13926	LEBINSON DAVID GARCIA CASTILLO	lgarcia58@miung.edu.gt	A
31	0905-24-14878	ILIAN DANIEL BARRERA OSUNA	ibarrerao@miung.edu.gt	A

Query executed successfully.

DESKTOP-PSL5BPG\SQLEXPRESS01... DESKTOP-PSL5BPG\edwins... UMG 00:00:00 73 rows

Ready Ln 2 Col 1 Ch 1 INS

04:45 p. m. 04/04/2025

CONSULTA CON FILTRO

SQLQuery5.sql - DESKTOP-P5L5BPG\SQLEXPRESS01.UMG (DESKTOP-P5L5BPG\edwinsjosueargueta (58)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Execute

Object Explorer

Connect

DESKTOP-P5L5BPG\SQLEXPRESS01 (SQL)

Databases

System Databases

Database Snapshots

UMG

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.asistencia

dbo.notas_finales

dbo.tareas

dbo.Tb_alumnos

Columns

Keys

Constraints

Triggers

Indexes

Statistics

Views

External Resources

Synonyms

Programmability

Query Store

Service Broker

Storage

Security

Security

Server Objects

Replication

Management

XEvent Profiler

SQLQuery5.sql - DE...sjosueargueta (58))

```
select * from Tb_alumnos
where section = 'A';
```

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Results Messages

	carnet	Estudiante	email	section
1	0905-17-20273	SERGIO ANDRES CASTELLANOS SARCENO	scastellanos1@miumg.edu.gt	A
2	0905-21-4966	PABLO ALEXANDER GRIJALVA BARAHONA	pgrijalvat1@miumg.edu.gt	A
3	0905-21-9650	FERNANDO ENRIQUE JOSE NAJERA GODOY	fnajerag1@miumg.edu.gt	A
4	0905-22-11274	LEYDI LORENA REVOLORIO Y REVOLORIO	llorena@miumg.edu.gt	A
5	0905-22-1146	EDUARDO GABRIEL VISONI MORALES	evisonim@miumg.edu.gt	A
6	0905-22-7933	JOAQUIN MANUEL ESTUARDO RAMIREZ VEGA	jramirez16@miumg.edu.gt	A
7	0905-22-9918	DAYLY YURISEL ORELLANA ORELLANA	dorellanao4@miumg.edu.gt	A
8	0905-23-13800	MARIO JOSE BARRERA LINAREZ	mbarrera14@miumg.edu.gt	A
9	0905-23-15220	ABNER JOEL MATEO HERNANDEZ	amateroh@miumg.edu.gt	A
10	0905-23-15654	NERY DANIEL VASQUEZ Y VASQUEZ	nvasquez1@miumg.edu.gt	A
11	0905-23-20562	ODVIN ALEXIS MENDEZ LEMUS	omendez14@miumg.edu.gt	A
12	0905-23-2991	JOSTYN MANRRIQUE GODOY CHINCHILLA	jgodoyc15@miumg.edu.gt	A
13	0905-23-302	CRISTIAN OLIVER BATEN ITZEP	cbaten1@miumg.edu.gt	A
14	0905-24-10033	LITZI YASMIRA PINEDA CERMENO	lpinedac7@miumg.edu.gt	A
15	0905-24-10061	JOSE ALFONSO LINARES MUNOZ	jlinaresm3@miumg.edu.gt	A
16	0905-24-10433	JORGE MARIO CANO COBON	jcanc5@miumg.edu.gt	A
17	0905-24-11709	KATHYA SOFIA MELGAR MARROQUIN	kmelgarm2@miumg.edu.gt	A
18	0905-24-12088	JEFERSON OSLEE CERMENO PINEDA	joermenop2@miumg.edu.gt	A
19	0905-24-12697	DILENA IRENA GRIJALVA TENAS	dgrijalvat1@miumg.edu.gt	A

Query executed successfully.

DESKTOP-P5L5BPG\SQLEXPRESS01... DESKTOP-P5L5BPG\edwins... UMG 00:00:00 38 rows

Ready Ln 3 Col 1 Ch 1 INS

04:48 p. m. 04/04/2025

CONSULTA CON JOIN

The screenshot displays the Microsoft SQL Server Management Studio interface. The title bar indicates the connection to 'DESKTOP-P5L5BPG\SQLEXPRESS01.UMG (DESKTOP-P5L5BPG\edwinsjosueargueta (58))'. The 'Object Explorer' on the left shows the database structure, including 'Databases', 'System Databases', 'Database Snapshots', and 'UMG'. The 'Query Editor' in the center contains the following SQL query:

```
select a.Estudiante, b.nota1, b.nota2, b.nota3, b.nota4
from Tb_alumnos a
join tareas b on a.carnet = b.carnet;
```

The 'Results' pane at the bottom shows the output of the query, which consists of 73 rows. The first row is highlighted, showing the student 'NERY OSBERTO ESQUIVEL PALMA' with scores of 81, 67, 82, and 81 for the four tasks. The status bar at the bottom indicates 'Query executed successfully.' and '73 rows'.

	Estudiante	nota1	nota2	nota3	nota4
1	NERY OSBERTO ESQUIVEL PALMA	81	67	82	81
2	JERY ALEXANDER BARRIENTOS PERAZA	10	33	27	42
3	MARIO DAVID TERETA SAPALUN	71	56	34	90
4	FERNANDO JOSE VASQUEZ GONZALEZ	89	23	90	28
5	MARVIN ISMAEL RECINOS MAZARIEGOS	64	42	20	85
6	CRISTIAN ALEXANDER CASTILLO CASTILLO	41	26	13	19
7	MILDRED HANANI PINEDA PINEDA	67	36	67	15
8	HECTOR LUIS GUSTAVO MELLADO SARCENO	36	61	81	29
9	CARLOS FERNANDO MELGAR CORADO	46	91	65	30
10	JEINER ANDY JOSUE PINEDA CORLETO	63	48	67	94
11	ERICK MOISES ARTURO SANDOVAL PALMA	64	46	98	66
12	FERNANDO JOSE VEGA GUDIEL	30	62	34	50
13	JOSE LEONEL CRUZ LOPEZ	29	55	77	79
14	JOSE CARLOS CRUZ FLORIAN	97	90	46	85
15	CRISTIAN JOSUE FLORES PLEITEZ	58	74	47	75
16	MELANY ROSMERY PEREZ ORANTES	96	52	80	72
17	ESTALIN ALEJANDRO GODOY CAMPOS	35	91	16	68
18	OSCAR GUILLERMO SANDOVAL GARCIA	93	55	87	81
19	JOSUE RAFAEL PEREZ AGUIRRE	87	52	18	37

ACTUALIZACION

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection to 'DESKTOP-P5L5BPG\SQLEXPRESS01.UMG (DESKTOP-P5L5BPG\edwinsjoseargueta (58))'. The 'Object Explorer' on the left shows the database structure, including 'Databases', 'System Databases', 'Database Snapshots', 'UMG', 'Database Diagrams', 'Tables', 'System Tables', 'FileTables', 'External Tables', 'Graph Tables', 'dbo.asistencia', 'dbo.notas_finales', 'dbo.tareas', 'dbo.Tb_alumnos', 'Columns', 'Keys', 'Constraints', 'Triggers', 'Indexes', 'Statistics', 'Views', 'External Resources', 'Synonyms', 'Programmability', 'Query Store', 'Service Broker', 'Storage', 'Security', 'Server Objects', 'Replication', 'Management', and 'XEvent Profiler'.

The main query editor window shows the following SQL script:

```
update notas_finales
set nota_final = 85.00
where carnet = '0905-24-6913';

select * from notas_finales
```

The 'Results' pane at the bottom displays the output of the query, showing a table with 5 rows and 3 columns: 'id_notas_final', 'carnet', and 'nota_final'.

	id_notas_final	carnet	nota_final
1	1	0905-24-6913	85.00
2	2	0905-24-7000	70.00
3	3	0905-24-7010	60.00
4	4	0905-24-7370	75.00
5	5	0905-24-7854	61.00

A status bar at the bottom of the SSMS window indicates 'Query executed successfully.' and '5 rows'.

The Windows taskbar at the bottom shows the system clock as 05:06 p.m. on 04/04/2025.

ELIMINACION

SQLQuery5.sql - DESKTOP-P5L5BPG\SQLEXPRESS01.UMG (DESKTOP-P5L5BPG\edwingsosueargueta (58)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Execute

Object Explorer

Connect

DESKTOP-P5L5BPG\SQLEXPRESS01 (SQL)

Databases

System Databases

Database Snapshots

UMG

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.asistencia

dbo.notas_finales

dbo.tareas

dbo.Tb_alumnos

Columns

Keys

Constraints

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Statistics

Views

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Programmability

Query Store

Service Broker

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Security

Security

Server Objects

Replication

Management

XEvent Profiler

```
select * from asistencia
delete from asistencia
where Id_asistencia = 8;
```

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Results Messages

	Id_asistencia	carnet	fecha	presente
1	7	0905-24-6913	2025-03-20	S
2	9	0905-24-7010	2025-03-20	N
3	10	0905-24-7370	2025-03-20	N
4	11	0905-24-7854	2025-03-20	S

Query executed successfully.

DESKTOP-P5L5BPG\SQLEXPRESS01 | DESKTOP-P5L5BPG\edwingsosueargueta (58) | UMG | 00:00:00 | 4 rows

Ready

Ln 1 Col 1 INS

05:12 p. m.
04/04/2025

CONSULTA AVANZADA

SQLQuery5.sql - DESKTOP-P5L5BPG\SQLEXPRESS01\UMG (DESKTOP-P5L5BPG\edwinsjosueargueta (58))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Execute

Object Explorer

Connect

DESKTOP-P5L5BPG\SQLEXPRESS01 (S)

Databases

System Databases

Database Snapshots

UMG

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.asistencia

dbo.notas_finales

Columns

id_nota_final (PK, int)

carnet (FK, varchar(20))

nota_final (decimal(5,2))

Keys

Constraints

Triggers

Indexes

Statistics

dbo.tareas

dbo.Tb_alumnos

Columns

Keys

Constraints

Triggers

Indexes

Statistics

Views

External Resources

Synonyms

Programmability

Query Store

```
with asistencia_reciente as(
select carnet, fecha, ROW_NUMBER() over (partition by carnet order by fecha desc) as rn
from asistencia
)
select a.estudiante, ar.fecha as asistencia_reciente, nf.nota_final
from Tb_alumnos a
join asistencia_reciente ar on a.carnet = ar.carnet and ar.rn = 1
join notas_finales nf on a.carnet = nf.carnet;
```

146 %

Results Messages

	estudiante	asistencia_reciente	nota_final
1	EDWINS JOSUE ARGUETA DUARTE	2025-03-20	85.00
2	CARLO RENE HERMOGENES RIVERA ESTRADA	2025-03-20	60.00
3	JOSE CARLOS MORATAYA ENRIQUE	2025-03-20	75.00
4	ARANZA BRIGITTE RUEDA ALVARADO	2025-03-20	61.00

Query executed successfully.

DESKTOP-P5L5BPG\SQLEXPRESS01... DESKTOP-P5L5BPG\edwins... UMG 00:00:00 4 rows

Matches: (

Ln 8 Col 47 Ch 47 INS

05:29 p. m. 04/04/2025