

```
PS C:\Users\teo_q\OneDrive\Documents\GitHub\SQL\Dia3> node retos_dia3.js
```

Conexion iniciada

Nombres y Apellidos + Asignaturas

```
[
  { alumnos: 'Aggie Leavy', asignatura: 'Typescript' },
  { alumnos: 'Ailene Gresswell', asignatura: 'Java' },
  { alumnos: 'Alasteir Stellman', asignatura: 'Java' },
  { alumnos: 'Alleyn Depke', asignatura: 'Visual Basic' },
  { alumnos: 'Annalee Woodeson', asignatura: 'Java' },
  { alumnos: 'Annora Slater', asignatura: 'Typescript' },
  { alumnos: 'Aubrette O'Moylane', asignatura: 'Java' },
  { alumnos: 'Audi Sunners', asignatura: 'Typescript' },
  { alumnos: 'Brigg Coundley', asignatura: 'Angular' },
  { alumnos: 'Car Swatland', asignatura: 'Angular' },
  { alumnos: 'Carmine O'Shields', asignatura: 'Visual Basic' },
  { alumnos: 'Fields Charman', asignatura: 'Angular' },
  { alumnos: 'Leonore Scorrer', asignatura: 'Java' },
  { alumnos: 'Maura Stothard', asignatura: 'Visual Basic' },
  { alumnos: 'Mischa Gadney', asignatura: 'Visual Basic' },
  { alumnos: 'Poppy Brun', asignatura: 'Angular' },
  { alumnos: 'Redd Westlake', asignatura: 'Visual Basic' },
  { alumnos: 'Redford Halcro', asignatura: 'MongoDB' },
  { alumnos: 'Rodrique Guinn', asignatura: 'Angular' },
  { alumnos: 'Shandee Rippin', asignatura: 'HTML' },
  { alumnos: 'Skelly Ollander', asignatura: 'Typescript' },
  { alumnos: 'Sollie Murdoch', asignatura: 'Visual Basic' },
  { alumnos: 'Stanfield Drever', asignatura: 'Typescript' },
  { alumnos: 'Thomasine Applebee', asignatura: 'JavaScript' },
  { alumnos: 'Tonnie MacKessock', asignatura: 'JavaScript' }
]
```

Nombres y Apellidos Profesores

Nombres y Apellidos Profesores

```
[
  { profesor: 'Claiborn Witard', asignatura: 'Typescript' },
  { profesor: 'Claiborn Witard', asignatura: 'HTML' },
  { profesor: 'Kiah Arnolds', asignatura: 'Java' },
  { profesor: 'Kiah Arnolds', asignatura: 'Visual Basic' },
  { profesor: 'Linette Wreak', asignatura: 'Java' },
  { profesor: 'Reinold Gullivan', asignatura: 'Angular' },
  { profesor: 'Rocky Zamora', asignatura: 'JavaScript' },
  { profesor: 'Rocky Zamora', asignatura: 'Java' }
]
Total Alumnos y Asignaturas
[
  {
    asignatura: 'Angular',
    numero_alumnos: 5,
    profesor: 'Reinold Gullivan'
  },
  {
    asignatura: 'HTML',
    numero_alumnos: 1,
    profesor: 'Claiborn Witard'
  },
  {
    asignatura: 'Java',
    numero_alumnos: 8,
    profesor: 'Rocky Zamora'
  },
  {
    asignatura: 'JavaScript',
    numero_alumnos: 2,
    profesor: 'Rocky Zamora'
  },
  {
    asignatura: 'Typescript',
    numero_alumnos: 5,
    profesor: 'Claiborn Witard'
  },
  {
    asignatura: 'Visual Basic',

```

```

]
Total Alumnos y Asignaturas
[
  {
    asignatura: 'Angular',
    numero_alumnos: 5,
    profesor: 'Reinold Gullivan'
  },
  {
    asignatura: 'HTML',
    numero_alumnos: 1,
    profesor: 'Claiborn Witard'
  },
  {
    asignatura: 'Java', numero_alumnos: 8, profesor: 'Rocky Zamora' },
  {
    asignatura: 'JavaScript',
    numero_alumnos: 2,
    profesor: 'Rocky Zamora'
  },
  {
    asignatura: 'Typescript',
    numero_alumnos: 5,
    profesor: 'Claiborn Witard'
  },
  {
    asignatura: 'Visual Basic',
    numero_alumnos: 6,
    profesor: 'Kiah Arnolds'
  }
]

```

SQL File 3" x

Limit to 1000 rows

```

1 • SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS alumnos, reto2.subjects.title AS asignatura FROM marks JOIN
2 • SELECT CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.last_name) as profesor, reto2.subjects.title AS asignatura FROM teachers
3 • SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alumnos, CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

alumnos	asignatura
Aggie Leavy	Typescript
Ailene Gresswell	Java
Alastair Stelman	Java
Alleya Depke	Visual Basic
Annalee Woodeson	Java
Annnora Slater	Typescript
Aubrette O'Moylane	Java
Audi Sunners	Typescript
Brigg Coundley	Angular
Car Swatland	Angular

Result 19 x Result 20 Result 21

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	21:14:09	SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS al...	25 row(s) returned	0.015 sec / 0.000 sec
2	21:14:09	SELECT CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.last_name) as pr...	8 row(s) returned	0.000 sec / 0.000 sec
3	21:14:09	SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alu...	6 row(s) returned	0.000 sec / 0.000 sec

SQL File 3\*

Limit to 1000 rows

```

1 • SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS alumnos, reto2.subjects.title AS asignatura FROM marks JOIN
2 • SELECT CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.last_name) as profesor, reto2.subjects.title AS asignatura FROM teachers
3 • SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alumnos, CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

profesor	asignatura
Claiborn Witard	Typescript
Claiborn Witard	HTML
Kiah Arnolds	Java
Kiah Arnolds	Visual Basic
Linette Wreak	Java
Reinold Gullivan	Angular
Rocky Zamora	JavaScript
Rocky Zamora	Java

Result 19 | Result 20 | Result 21

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	21:14:09	SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS al...	25 row(s) returned	0.015 sec / 0.000 sec
✓ 2	21:14:09	SELECT CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.last_name) as pr...	8 row(s) returned	0.000 sec / 0.000 sec
✓ 3	21:14:09	SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alu...	6 row(s) returned	0.000 sec / 0.000 sec

SQL File 3\*

Limit to 1000 rows

```

1 • SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS alumnos, reto2.subjects.title AS asignatura FROM marks JOIN
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3 • SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alumnos, CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

asignatura	numero_alumnos	profesor
Angular	5	Reinold Gullivan
HTML	1	Claiborn Witard
Java	8	Rocky Zamora
JavaScript	2	Rocky Zamora
Typescript	5	Claiborn Witard
Visual Basic	6	Kiah Arnolds

Result 19 | Result 20 | Result 21

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	21:14:09	SELECT CONCAT(reto2.students.first_name, ' ', reto2.students.last_name) AS al...	25 row(s) returned	0.015 sec / 0.000 sec
✓ 2	21:14:09	SELECT CONCAT(reto2.teachers.first_name, ' ', reto2.teachers.last_name) as pr...	8 row(s) returned	0.000 sec / 0.000 sec
✓ 3	21:14:09	SELECT reto2.subjects.title AS asignatura, COUNT(student_id) AS numero_alu...	6 row(s) returned	0.000 sec / 0.000 sec