

TAREA M11 – Bryan Alberto Coronado García

PUNTO 1

```
1 SELECT p.Name,  
2       p.ProductID  
3 FROM Production.Product p  
4 WHERE p.ProductID IN  
5       (SELECT sod.ProductID  
6        FROM Sales.SalesOrderDetail sod)  
7 ORDER BY p.Name
```

100 %

Results Messages

	Name	ProductID
1	All-Purpose Bike Stand	879
2	AWC Logo Cap	712
3	Bike Wash - Dissolver	877
4	Cable Lock	843
5	Chain	952
6	Classic Vest, L	866
7	Classic Vest, M	865
8	Classic Vest, S	864
9	Fender Set - Mountain	878
10	Front Brakes	948
11	Front Derailleur	945
12	Full-Finger Gloves, L	863
13	Full-Finger Gloves, M	862
14	Full-Finger Gloves, S	861
15	Half-Finger Gloves, L	860
16	Half-Finger Gloves, M	859

PUNTO 2

SQLQuery1.sql* X Tarea M11 - Bryan...Coronado García.sql

```
1 SELECT
2     e.BusinessEntityID,
3     p.FirstName + ' ' + p.LastName AS NombreEmpleado,
4     d.Name AS NombreDepartamento
5 FROM
6     HumanResources.Employee e
7 JOIN
8     Person.Person p ON e.BusinessEntityID = p.BusinessEntityID
9 JOIN
10    HumanResources.EmployeeDepartmentHistory edh ON e.BusinessEntityID = edh.BusinessEntityID
11 JOIN
12    HumanResources.Department d ON edh.DepartmentID = d.DepartmentID
13 WHERE
14     edh.EndDate IS NULL
15 ORDER BY e.BusinessEntityID;
16
```

100 %

Results Messages

	BusinessEntityID	NombreEmpleado	NombreDepartamento
1	1	Ken Sánchez	Executive
2	2	Terri Duffy	Engineering
3	3	Roberto Tamburello	Engineering
4	4	Rob Walters	Tool Design
5	5	Gail Erickson	Engineering
6	6	Jossef Goldberg	Engineering
7	7	Dylan Miller	Research and Development
8	8	Diane Margheim	Research and Development
9	9	Gigi Matthew	Research and Development
10	10	Michael Raheem	Research and Development
11	11	Ovidiu Cracium	Tool Design
12	12	Thierry D'Hers	Tool Design
13	13	Janice Galvin	Tool Design
14	14	Michael Sullivan	Engineering
15	15	Sharon Salavaria	Engineering
16	16	David Bradley	Marketing
17	17	Kevin Brown	Marketing

Query executed successfully. localhost

PUNTO 3

SQLQuery1.sql* X Tarea M11 - Bryan...Coronado García.sql

```
1
2 WITH EmpleadosDepartamentos AS (
3     SELECT
4         e.BusinessEntityID,
5         p.FirstName + ' ' + p.LastName AS NombreEmpleado,
6         d.Name AS NombreDepartamento
7     FROM
8         HumanResources.Employee e
9     JOIN
10        Person.Person p ON e.BusinessEntityID = p.BusinessEntityID
11     JOIN
12        HumanResources.EmployeeDepartmentHistory edh ON e.BusinessEntityID = edh.BusinessEntityID
13     JOIN
14        HumanResources.Department d ON edh.DepartmentID = d.DepartmentID
15     WHERE
16        edh.EndDate IS NULL
17 )
18
19 SELECT *
20 FROM EmpleadosDepartamentos
21 ORDER BY BusinessEntityID;
```

100 %

Results Messages

	BusinessEntityID	NombreEmpleado	NombreDepartamento
1	1	Ken Sánchez	Executive
2	2	Terri Duffy	Engineering
3	3	Roberto Tamburello	Engineering
4	4	Rob Walters	Tool Design
5	5	Gail Erickson	Engineering
6	6	Josief Goldberg	Engineering
7	7	Dylan Miller	Research and Development
8	8	Diane Margheim	Research and Development
9	9	Gigi Matthew	Research and Development
10	10	Michael Raheem	Research and Development
11	11	Ovidiu Cracium	Tool Design
12	12	Thierry D'Hers	Tool Design
13	13	Janice Galvin	Tool Design

Query executed successfully. localhost (16.0)

PUNTO 4

(Crear tabla temporal)

```
SQLQuery1.sql*  Tarea M11 - Bryan...Coronado García.sql
1 CREATE TABLE dbo.#ProductsID_Names
2   (ProductID INT,
3    Name nvarchar(50));
4
```

100 %

Messages

Commands completed successfully.

Completion time: 2024-09-24T23:36:43.0246392-06:00

(Insertar datos en tabla temporal)

```
SQLQuery1.sql*  Tarea M11 - Bryan...Coronado García.sql
1 INSERT INTO #ProductsID_Names ( ProductID, Name)
2 SELECT p.ProductID, p.Name
3 FROM Production.Product p
4 WHERE p.ProductID IN
5   (SELECT sod.ProductID
6    FROM Sales.SalesOrderDetail sod);
7
```

100 %

Messages

(266 rows affected)

Completion time: 2024-09-24T23:37:10.3813254-06:00

(*SELECT* de tabla temporal)

SQLQuery1.sql* Tarea M11 - Bryan...Coronado García.sql

```
1 SELECT *
2 FROM #ProductsID_Names pn
3
```

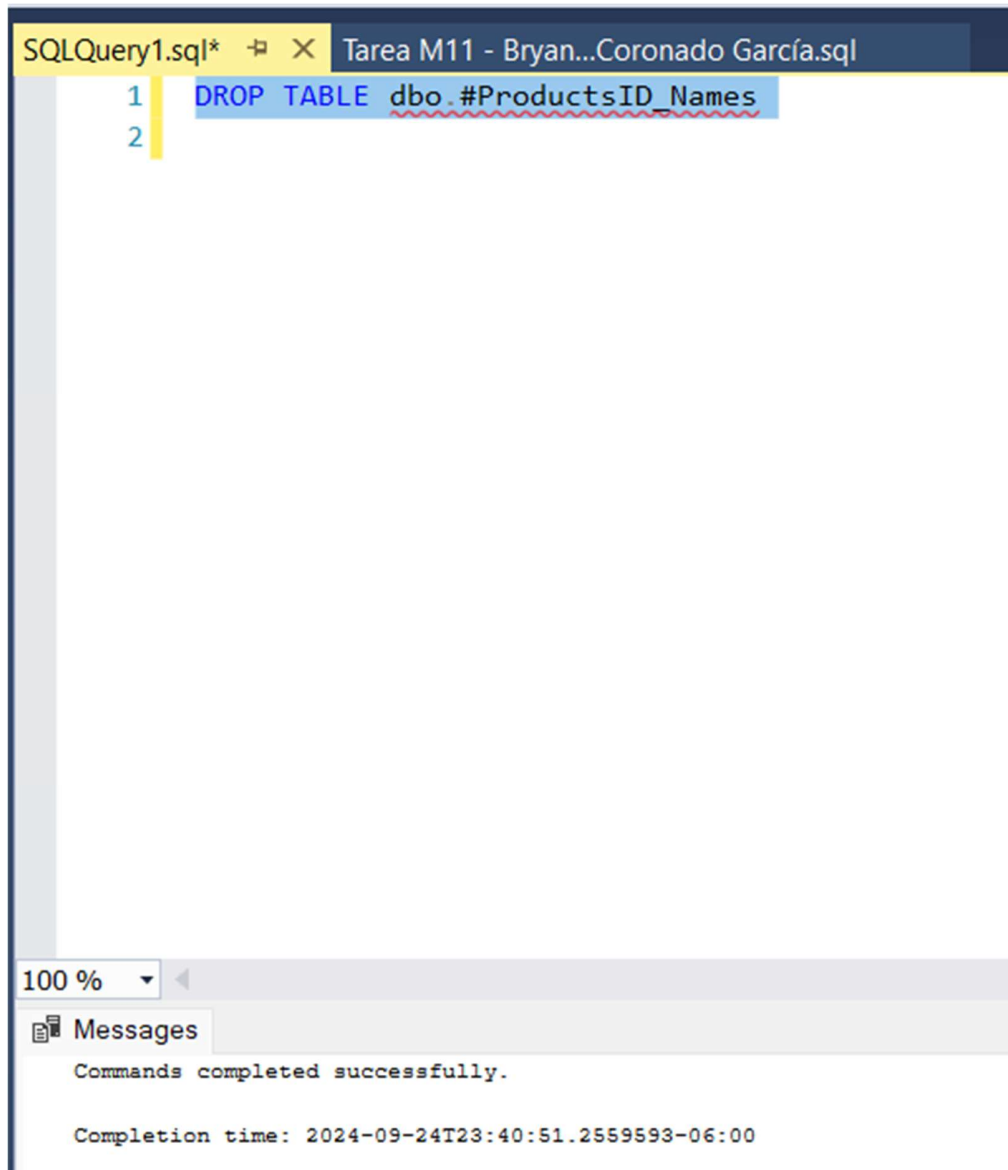
100 %

Results Messages

	ProductId	Name
1	707	Sport-100 Helmet, Red
2	708	Sport-100 Helmet, Black
3	709	Mountain Bike Socks, M
4	710	Mountain Bike Socks, L
5	711	Sport-100 Helmet, Blue
6	712	AWC Logo Cap
7	713	Long-Sleeve Logo Jersey, S
8	714	Long-Sleeve Logo Jersey, M
9	715	Long-Sleeve Logo Jersey, L
10	716	Long-Sleeve Logo Jersey, XL
11	717	HL Road Frame - Red, 62
12	718	HL Road Frame - Red, 44
13	719	HL Road Frame - Red, 48

✓ Query executed successfully.

(Borrado de tabla temporal)



The screenshot displays the SQL Server Enterprise Manager interface. At the top, a tab labeled 'SQLQuery1.sql*' is active, showing a query window titled 'Tarea M11 - Bryan...Coronado García.sql'. The query text is 'DROP TABLE dbo.#ProductsID_Names', with line numbers 1 and 2 visible on the left. Below the query window, a 'Messages' pane shows the output: 'Commands completed successfully.' and 'Completion time: 2024-09-24T23:40:51.2559593-06:00'. The zoom level is set to 100%.

```
SQLQuery1.sql* X Tarea M11 - Bryan...Coronado García.sql
1 DROP TABLE dbo.#ProductsID_Names
2
```

100 %

Messages

Commands completed successfully.

Completion time: 2024-09-24T23:40:51.2559593-06:00

****El proceso de creación de tabla temporal global es exactamente el mismo, solo agregando un “#” más al momento de crear la tabla.***

PUNTO 5

SQLQuery1.sql* Tarea M11 - Bryan...Coronado García.sql

```
1 SELECT soh.SalesOrderNumber,  
2      soh.PurchaseOrderNumber  
3 FROM Sales.SalesOrderHeader soh  
4 WHERE soh.OrderDate BETWEEN '20110101' AND '20111231'  
5 ORDER BY soh.SalesOrderNumber
```

100 %

Results Messages

	SalesOrderNumber	PurchaseOrderNumber
1	SO43659	PO522145787
2	SO43660	PO18850127500
3	SO43661	PO18473189620
4	SO43662	PO18444174044
5	SO43663	PO18009186470
6	SO43664	PO16617121983
7	SO43665	PO16588191572
8	SO43666	PO16008173883
9	SO43667	PO15428132599
10	SO43668	PO14732180295
11	SO43669	PO14123169936
12	SO43670	PO14384116310
13	SO43671	PO13978119376

✓ Query executed successfully.

PUNTO 6

SQLQuery1.sql* Tarea M11 - Bryan...Coronado García.sql

```
1 SELECT RIGHT (soh.SalesOrderNumber,5) as NewSalesOrderNumber,  
2         RIGHT (soh.PurchaseOrderNumber,11) as NewPurchaseOrderNumber  
3 FROM Sales.SalesOrderHeader soh  
4 ORDER BY soh.SalesOrderNumber
```

100 %

Results Messages

	NewSalesOrderNumber	NewPurchaseOrderNumber
1	43659	PO522145787
2	43660	18850127500
3	43661	18473189620
4	43662	18444174044
5	43663	18009186470
6	43664	16617121983
7	43665	16588191572
8	43666	16008173883
9	43667	15428132599
10	43668	14732180295
11	43669	14123169936
12	43670	14384116310
13	43671	13978119376

✓ Query executed successfully.