

```
select * from Employee
```

```
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Johannes', 'Kask')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Laura', 'Tamm')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Kristo', 'Koort')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Joonas', 'Kiik')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Juhan', 'Kelk')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'John', 'Kuus')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Mihkel', 'Kulp')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Mart', 'Palm')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Margus', 'Kask')
INSERT INTO Employee(id,FirstName,LastName)
VALUES (NEWID(),'Markus', 'Lind')
```

```
select * from Project
```

```
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Bongo', 'Excavate','01.05.2024',20)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Irongate', 'Procure materials','08.11.2026',40)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Casanova', 'Build forms','05.09.2027',60)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Bast', 'Place rebars','01.07.2023',10)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Einstein', 'Pour concrete','09.09.2029',60)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Horus', 'Curing','07.10.2024',70)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Charlie', 'Finishing','11.12.2024',80)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Flyers', 'Utilities','06.06.2025',90)
```

```
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Colossus', 'Walls','11.09.2026',330)
INSERT INTO Project(id,Name,Task,DeadLine,NumberOfEmployees)
VALUES (NEWID(),'Maroon', 'Foundation','07.09.2029',660)
```

```
truncate table Specialist
```

```
--procedure
```

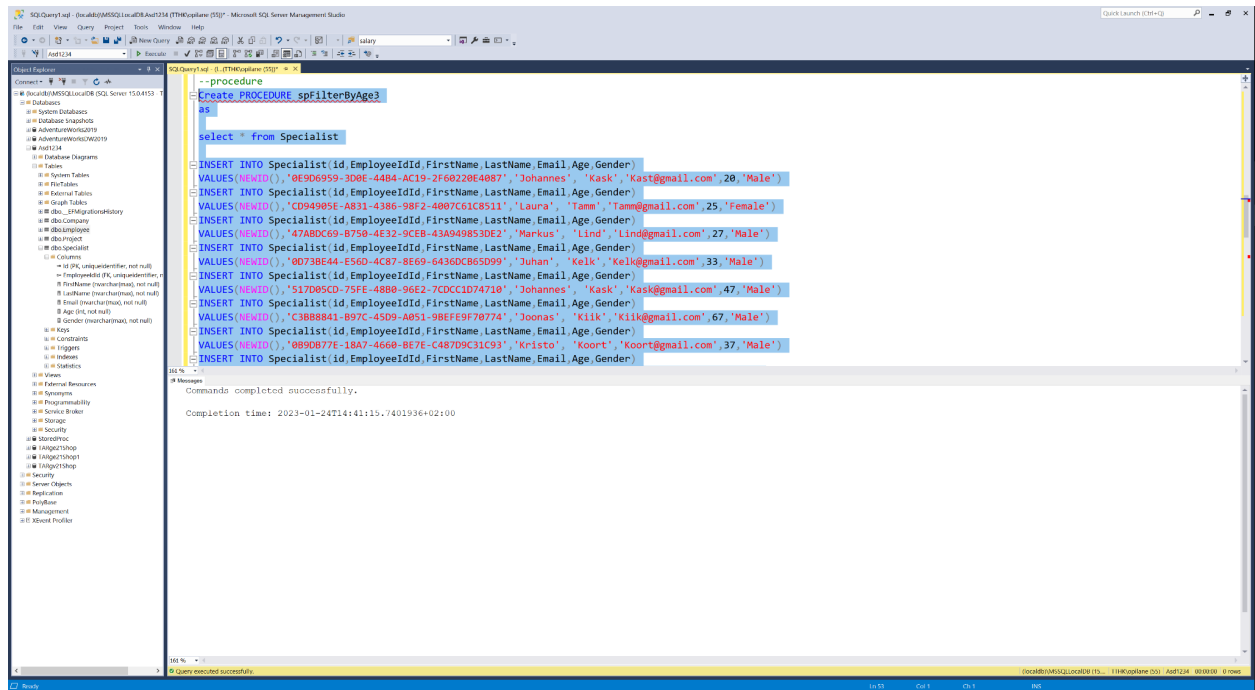
```
Create PROCEDURE spFilterByAge4
```

```
as
```

```
select * from Specialist
```

```
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'0E9D6959-3D0E-44B4-AC19-2F60220E4087','Johannes',
'Kask','Kast@gmail.com',20,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'CD94905E-A831-4386-98F2-4007C61C8511','Laura',
'Tamm','Tamm@gmail.com',25,'Female')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'47ABDC69-B750-4E32-9CEB-43A949853DE2','Markus',
'Lind','Lind@gmail.com',27,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'0D73BE44-E56D-4C87-8E69-6436DCB65D99','Juhan',
'Kelk','Kelk@gmail.com',33,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'517D05CD-75FE-48B0-96E2-7CDCC1D74710','Johannes',
'Kask','Kask@gmail.com',47,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'C3BB8841-B97C-45D9-A051-9BEFE9F70774','Joonas',
'Kiik','Kiik@gmail.com',67,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'0B9DB77E-18A7-4660-BE7E-C487D9C31C93','Kristo',
'Koort','Koort@gmail.com',37,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'B655BD33-182B-49FC-9B95-CC8B026DBED6','John',
'Kuus','Kuus@gmail.com',55,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'29649361-1335-4794-AE41-D17CDCBDDA61','Mihkel',
'Kulp','Kulp@gmail.com',33,'Male')
INSERT INTO Specialist(id,EmployeeIdId,FirstName,LastName,Email,Age,Gender)
VALUES(NEWID(),'409F9EE4-20C7-48FC-8D64-EA8C6842B954','Laura',
'Tamm','Tamm@gmail.com',27,'Female')
```

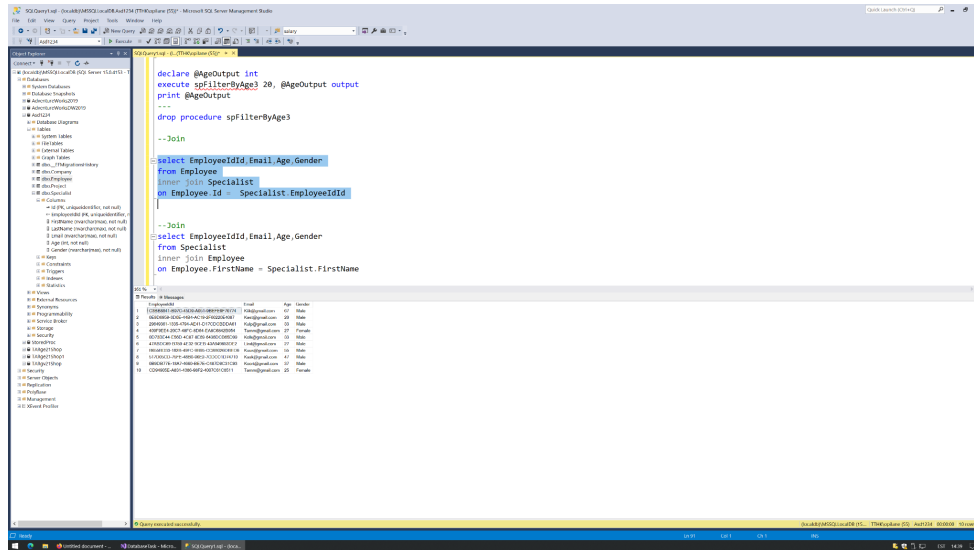
declare @AgeOutput int  
execute spFilterByAge4 20, @AgeOutput output  
print @AgeOutput



drop procedure spFilterByAge4

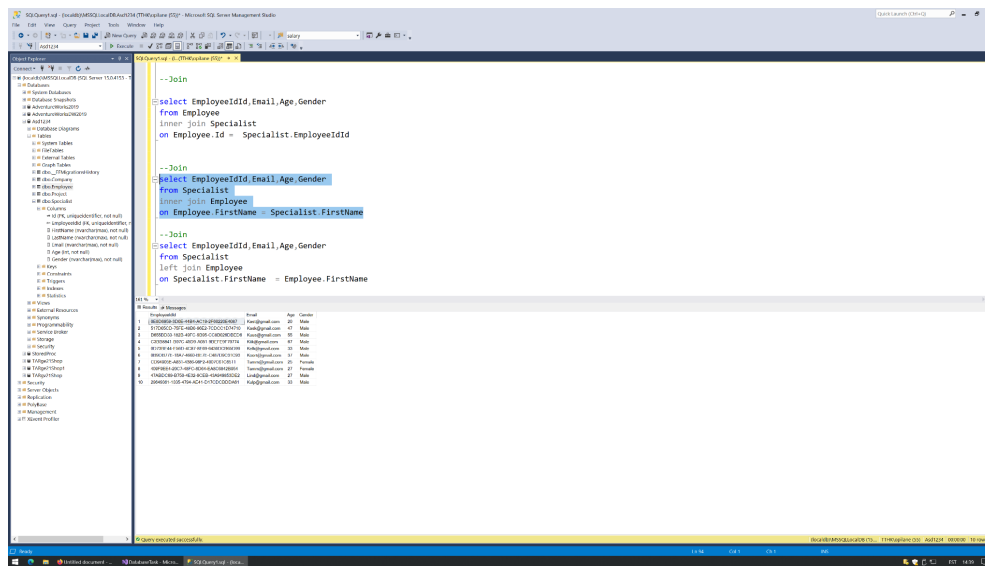
--Join

select EmployeeIdId,Email,Age,Gender  
from Employee  
inner join Specialist  
on Employee.Id = Specialist.EmployeeIdId



--Join

select EmployeeId,Email,Age,Gender  
from Specialist  
inner join Employee  
on Employee.FirstName = Specialist.FirstName



--Join

select EmployeeId,Email,Age,Gender  
from Specialist  
left join Employee  
on Specialist.FirstName = Employee.FirstName

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'AdventureWorks2019' database structure, including tables like 'Employee' and 'Specialist'. The central query window contains the following SQL code:

```
--Join
select EmployeeId,Email,Age,Gender
from Employee
inner join Specialist
on Employee.Id = Specialist.EmployeeId

--Join
select EmployeeId,Email,Age,Gender
from Specialist
inner join Employee
on Employee.FirstName = Specialist.FirstName

--Join
select EmployeeId,Email,Age,Gender
from Specialist
left join Employee
on Specialist.FirstName = Employee.FirstName
```

The bottom pane shows the results of the query, displaying a table with columns: EmployeeId, Email, Age, and Gender. The results are as follows:

EmployeeId	Email	Age	Gender
1	ADAM@GMAIL.COM	27	Male
2	DESIK@GMAIL.COM	27	Male
3	DESIK@GMAIL.COM	27	Male
4	DESIK@GMAIL.COM	27	Female
5	DESIK@GMAIL.COM	27	Male
6	DESIK@GMAIL.COM	27	Male
7	DESIK@GMAIL.COM	27	Male
8	DESIK@GMAIL.COM	27	Male
9	DESIK@GMAIL.COM	27	Male
10	DESIK@GMAIL.COM	27	Female