

```
insert into Employee values(newid(), 'Margus', 'Pole')
insert into Employee values(newid(), 'Kuido', 'Beibut')
insert into Employee values(newid(), 'Gustav', 'Nimits')
insert into Employee values(newid(), 'Taavi', 'Mitemees')
insert into Employee values(newid(), 'Gerta', 'Näigus')
insert into Employee values(newid(), 'Maria', 'Liis')
insert into Employee values(newid(), 'Alex', 'Niismiis')
insert into Employee values(newid(), 'Mathias', 'Must')
insert into Employee values(newid(), 'Ubundu', 'Quuy')
insert into Employee values(newid(), 'Kersti', 'Roos')
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129 %

Messages

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```
insert into Specialists values(NEWID())
insert into Specialists values(NEWID())
insert into Specialists values(NEWID())
insert into Specialists values(NEWID())
insert into Specialists values(NEWID())
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insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 333,
'C7BA6E2F-C58B-4F7C-8567-04A5B00C73BD')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 211,
'E412045D-53AD-428E-B807-13585588C35D')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 421,
'86B8961C-EA30-48E4-8E0E-1E71EF3E4276')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 411,
'508DFB9C-E006-48EE-A392-24EF346EBCC4')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 565,
'15872137-85BA-4137-B17F-72DAA972228F')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 777,
'206C0BED-F8C7-428E-BAF6-7606683C5642')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 442,
'E136F436-93D2-41CC-A3EB-76068C1CF080')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 774,
'1594A3F7-24ED-4E92-8D80-A2DEB1B1886B')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 994,
'5D1E271C-FB80-4C2F-A95E-BC04AFEE3C0C')
insert into Projects (ProjectID, UniqueProjectnr, SpecialistId) values(NEWID(), 115,
'15EE121B-8E7F-46E5-AB19-CF9B12C91AFD')
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Completion time: 2023-10-27T09:43:26.3159899+03:00

Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Unga', 'Muuliku tee 5', 'DB13C0DA-5D2A-42A6-8470-20A2E6AEA33D')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Tululu', 'Postra tee 111', '3BF2924F-E9A4-4C48-BD82-22A41A185AB3')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Xium', 'Banansi tee 1', 'B6E93521-6140-42FB-919C-2DFFF1F8BE56')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Nuhmu', 'Kannu tee 23', 'F0F6C5F7-5F22-4EE0-BC74-61C515D65849')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Pagar', 'Tuule tee 7', 'A2A47B65-8EEF-4F66-A405-8907552F650C')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Kooki', 'Kanhni tee 432', 'BF1833C6-BE2E-47EF-88CF-9A659325EA43')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Apple', 'Manna tee 123', '17A97B16-C9E9-418F-BC50-BAF61CEFDE92')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Pooliku', 'Apelsiini tee 56', '78411837-5C0B-4197-862C-C3B0E1E8C30F')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Quix', 'Vabaduse tee 8', 'DA9963DF-F03B-4FC9-AB0D-D96B2ADF1517')  
Insert into ConstructionCompanies (Id, Name, Address, ProjectID) values(NEWID(), 'Juhva', 'Kure tee 76', '80980F3D-7260-4CEE-AE36-E9A052B02A3D')

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select \* from ConstructionCompanies

	Id	Name	Address	ProjectID
1	3974490D-FEE3-4EB3-9A49-0B8FC758E0B7	Unga	Muuliku tee 5	DB13C0DA-5D2A-42A6-8470-20A2E6AEA33D
2	25134BB1-85C1-4FE3-89E4-180E19163632	Nuhmu	Kannu tee 23	F0F6C5F7-5F22-4EE0-BC74-61C515D65849
3	3D4EE68E-AD78-48A6-99B5-2B7CE41AB8E8	Pooliku	Apelsiini tee 56	78411837-5C0B-4197-862C-C3B0E1E8C30F
4	4A6BBDf3-833B-46A6-B678-5E1B4E8A2790	Tululu	Postra tee 111	3BF2924F-E9A4-4C48-BD82-22A41A185AB3
5	816D7697-78B0-4658-860E-6825DB09A0D6	Pagar	Tuule tee 7	A2A47B65-8EEF-4F66-A405-8907552F650C
6	25682DAB-1C58-47E9-80B2-7878E4B786C2	Xium	Banansi tee 1	B6E93521-6140-42FB-919C-2DFFF1F8BE56
7	16DF1273-0207-4697-9C6E-80A81D9D2F8B	Quix	Vabaduse tee 8	DA9963DF-F03B-4FC9-AB0D-D96B2ADF1517
8	6B9FD8FE-4F86-4246-B296-9F5C7911F87D	Apple	Manna tee 123	17A97B16-C9E9-418F-BC50-BAF61CEFD92
9	426F33E7-6FF9-4621-A1FC-CA537A66A30B	Juhva	Kure tee 76	80980F3D-7260-4CEE-AE36-E9A052B02A3D
10	397C4596-1B34-4D0B-8834-D04E918A2847	Kooki	Kanuhni tee 432	BF1833C6-BE2E-47EF-88CF-9A659325EA43


select \* from Specialists

	Id
1	C7BA6E2F-C58B-4F7C-8567-04A5B00C73BD
2	E412045D-53AD-428E-B807-13585588C35D
3	86B8961C-EA30-48E4-8E0E-1E71EF3E4276
4	508DFB9C-E006-48EE-A392-24EF346EBCC4
5	15872137-85BA-4137-B17F-72DAA972228F
6	206C0BED-F8C7-428E-BAF6-7606683C5642
7	E136F436-93D2-41CC-A3EB-76068C1CF080
8	1594A3F7-24ED-4E92-8D80-A2DEB1B1886B
9	5D1E271C-FB80-4C2F-A95E-BC04AFEE3C0C
10	15EE121B-8E7F-46E5-AB19-CF9B12C91AFD

select \* from Employee

	Id	FirstName	LastName
1	5F12660F-D6C4-4AB6-8DB1-0FF5B4CDE625	Mathias	Must
2	5615BB6D-3D33-48FB-83B1-1310F8327518	Mathias	Must
3	7D2DB475-53C6-4318-9E95-215079B5CB0E	Gustav	Nimits
4	789E8113-D276-4173-B758-338BF41A8DFA	Ubundu	Quuy
5	71160F26-BDDD-4BBD-9ABA-3B46E155B809	Margus	Pole
6	75548B90-E5E0-4D56-BDE2-3ECAEB8B1163	Maria	Liis
7	E43D513F-2A95-4486-89D6-3FFE941C9545	Alex	Niismiis
8	E9E76885-6CDC-476E-86AC-40A6B6DCDC2F	Maria	Liis
9	915F91D6-A51B-4210-9FE3-4D6A43EEB4D4	Ubundu	Quuy
10	B39842B3-8215-4604-BE25-568DA82FAEF6	Margus	Pole

Results	Messages	
ProjectID	UniqueProjectnr	SpecialistId
1 DB13C0DA-5D2A-42A6-8470-20A2E6AEA33D	115	15EE121B-8E7F-46E5-AB19-CF9B12C91AFD
2 3BF2924F-E9A4-4C48-BD82-22A41A185AB3	565	15872137-85BA-4137-B17F-72DAA972228F
3 B6E93521-6140-42FB-919C-2DFFF1F8BE56	211	E412045D-53AD-428E-B807-13585588C35D
4 F0F6C5F7-5F22-4EE0-BC74-61C515D65849	994	5D1E271C-FB80-4C2F-A95E-BC04AFE3C0C
5 A2A47B65-8EEF-4F66-A405-8907552F650C	333	C7BA6E2F-C58B-4F7C-8567-04A5B00C73BD
6 BF1833C6-BE2E-47EF-88CF-9A659325EA43	774	1594A3F7-24ED-4E92-8D80-A2DEB1B1886B
7 17A97B16-C9E9-418F-BC50-BAF61CEFDE92	442	E136F436-93D2-41CC-A3EB-76068C1CF080
8 78411837-5C0B-4197-862C-C3B0E1E8C30F	421	86B8961C-EA30-48E4-8E0E-1E71EF3E4276
9 DA9963DF-F03B-4FC9-AB0D-D96B2ADF1517	411	508DFB9C-E006-48EE-A392-24EF346EBCC4
10 80980F3D-7260-4CEE-AE36-E9A052B02A3D	777	206C0BED-F8C7-428E-BAF6-7606683C5642

129 %  Messages

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Commands completed successfully.
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Completion time: 2023-10-27T10:04:07.9734471+03:00

129 %

Results Messages

	Name	Address
1	Unga	Muuliku tee 5

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SELECT cc.Name, cc.Address, p.ProjectID
FROM ConstructionCompanies cc
INNER JOIN Projects p ON cc.ProjectID = p.ProjectID;

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	Name	Address	ProjectID
1	Unga	Muuliku tee 5	DB13C0DA-5D2A-42A6-8470-20A2E6AEA33D
2	Nuhmu	Kannu tee 23	F0F6C5F7-5F22-4EE0-BC74-61C515D65849
3	Pooliku	Apelsiini tee 56	78411837-5C0B-4197-862C-C3B0E1E8C30F
4	Tululu	Postra tee 111	3BF2924F-E9A4-4C48-BD82-22A41A185AB3
5	Pagar	Tuule tee 7	A2A47B65-8EEF-4F66-A405-8907552F650C
6	Xium	Banansi tee 1	B6E93521-6140-42FB-919C-2DFFF1F8BE56
7	Quix	Vabaduse tee 8	DA9963DF-F03B-4FC9-AB0D-D96B2ADF1517
8	Apple	Manna tee 123	17A97B16-C9E9-418F-BC50-BAF61CEFDE92
9	Juhva	Kure tee 76	80980F3D-7260-4CEE-AE36-E9A052B02A3D
10	Kooki	Kanuhni tee 432	BF1833C6-BE2E-47EF-88CF-9A659325EA43

```

SELECT cc.Name, cc.Address, e.FirstName
FROM ConstructionCompanies cc
LEFT JOIN Employee e ON cc.Id = e.Id;

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	Name	Address	FirstName
1	Unga	Muuliku tee 5	NULL
2	Nuhmu	Kannu tee 23	NULL
3	Pooliku	Apelsiini tee 56	NULL
4	Tululu	Postra tee 111	NULL
5	Pagar	Tuule tee 7	NULL
6	Xium	Banansi tee 1	NULL
7	Quix	Vabaduse tee 8	NULL
8	Apple	Manna tee 123	NULL
9	Juhva	Kure tee 76	NULL
10	Kooki	Kanuhni tee 432	NULL

```
SELECT p.UniqueProjectnr, s.Id  
FROM Projects p  
FULL OUTER JOIN Specialists s ON p.SpecialistID = s.Id;
```

Results			Messages		
	UniqueProjectnr	Id			
1	115	15EE121B-8E7F-46E5-AB19-CF9B12C91AFD			
2	565	15872137-85BA-4137-B17F-72DAA972228F			
3	211	E412045D-53AD-428E-B807-13585588C35D			
4	994	5D1E271C-FB80-4C2F-A95E-BC04AFEE3C0C			
5	333	C7BA6E2F-C58B-4F7C-8567-04A5B00C73BD			
6	774	1594A3F7-24ED-4E92-8D80-A2DEB1B1886B			
7	442	E136F436-93D2-41CC-A3EB-76068C1CF080			
8	421	86B8961C-EA30-48E4-8E0E-1E71EF3E4276			
9	411	508DFB9C-E006-48EE-A392-24EF346EBCC4			
10	777	206C0BED-F8C7-428E-BAF6-7606683C5642			