```
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', 'Mittemees') insert into Employee values(newid(), 'Gerta', 'Nägus') 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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Messages

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```
insert into Specialists values(NEWID()) insert into Specialists values(NEWID())
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Messages

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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')

```
Messages

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```

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', 'Kanuhni 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')

```
Messages

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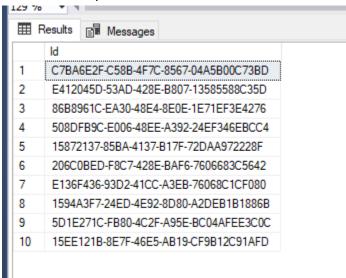
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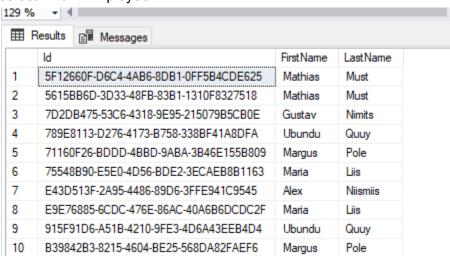
## select \* from ConstructionCompanies

	ld	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-BAF61CEFDE92
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

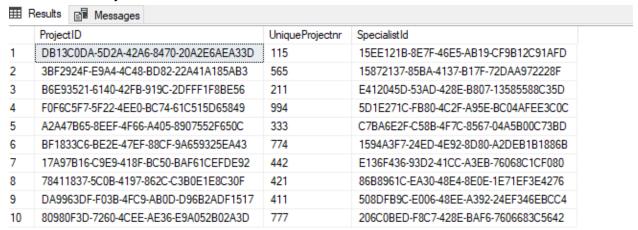
## select \* from Specialists



## select \* from Employee



## select \* from Projects



# CREATE PROCEDURE GetConstructionCompanyByProjectID

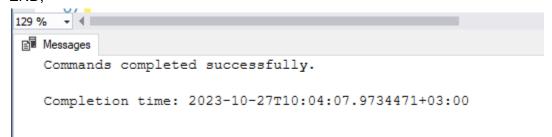
@ProjectID uniqueidentifier

AS

**BEGIN** 

SELECT cc.Name, cc.Address FROM ConstructionCompanies cc WHERE cc.ProjectID = @ProjectID;

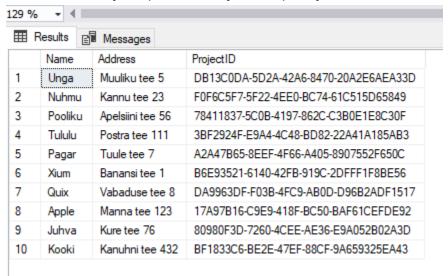
END:



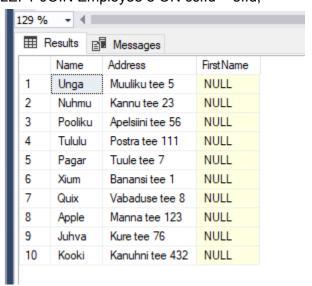
exec GetConstructionCompanyByProjectID 'DB13C0DA-5D2A-42A6-8470-20A2E6AEA33D'



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



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



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

## I	Results 📳 Messa	ages
	UniqueProjectnr	ld
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