



SQL KISMI



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HW 8

Create Student Table :

```
CREATE TABLE Students(  
student_id int NOT NULL PRIMARY KEY,  
student_name char(255) NOT NULL,  
born_year int NOT NULL);
```

student_id	student_name	born_year	Ekleme İçin Tıklayın
*			

Create Project Table :

```
CREATE TABLE Project(  
project_id int NOT NULL PRIMARY KEY,  
title varchar(255) NOT NULL,  
project_owner char(255) NOT NULL,  
year_written int NOT NULL);
```

project_id	title	project_owner	year_written	Ekleme İçin Tıklayın
*				

Create Project_Works Table:

```
CREATE TABLE Project_Works(  
student_id int NOT NULL,  
Project_work_name char(255) NOT NULL,  
project_id int NOT NULL,  
FOREIGN KEY (project_id) REFERENCES Project(project_id),  
FOREIGN KEY (student_id) REFERENCES Students(student_id));
```

student_id	Project_work_name	project_id
*		

Insert Students Information:

```
INSERT INTO Students (student_id,student_name,born_year)  
VALUES(16450497,"Mustafa",1999);
```

	student_id	student_name	born_year	Ekleme İçin Tıklayın
+	16440367	Ali	1998	
+	16440368	Veli	1998	
+	16440373	Selin	1997	
+	16440379	Mahmut	1997	
+	16440380	Leyla	1998	
+	16440382	Arzu	1997	
+	16440384	Melisa	1999	
+	16450450	Rıza	1998	
+	16450451	Kenan	1997	
+	16450455	Zehra	1999	
+	16450462	Ayşe	1997	
+	16450469	Yasin	1999	
+	16450484	Ömer	1997	
+	16450489	Suzan	1998	
+	16450497	Mustafa	1999	
*				

Insert Project Information:

```
INSERT INTO Project (project_id,title,project_owner,year_written)  
VALUES(26,"Project 6","David Hamilton",2015);
```

	project_id	title	project_own	year_written	Eklemek İçin Tıklayın
+	13	Project 3	Erdogan Sevilge	2013	
+	14	Project 4	Erdogan Sevilge	2014	
+	17	Project 7	Erdogan Sevilge	2015	
+	18	Project 8	Erdogan Sevilge	2016	
+	19	Project 9	Erdogan Sevilge	2016	
+	21	Project 1	David Hamilton	2012	
+	22	Project 2	David Hamilton	2012	
+	25	Project 5	David Hamilton	2014	
+	26	Project 6	David Hamilton	2015	
*					

Insert Project_Works Information:

```
INSERT INTO Project_Works (student_id,Project_work_name,project_id)  
VALUES(16450497,"designing",25);
```

student_id	Project_work	project_id
16440367	designing	18
16440367	testing	22
16440367	coding	26
16440368	reporting	13
16440368	designing	17
16440368	testing	19
16440368	coding	26
16440373	reporting	14
16440373	coding	17
16440379	reporting	26
16440379	designing	22
16440380	testing	18
16440382	testing	14
16440382	reporting	19
16440384	designing	13
16440384	reporting	17
16440384	reporting	19
16450450	coding	14
16450450	designing	21
16450450	testing	22
16450451	reporting	13
16450451	designing	14
16450451	testing	17
16450455	coding	26
16450462	coding	18
16450462	designing	19
16450469	reporting	13
16450484	testing	17
16450484	reporting	25
16450489	coding	17
16450490	designing	19

B) The number of students who have done in three or more different projects are belonged to the teacher “Erdogan Sevilgen” :

```
SELECT COUNT(*) AS 3_AND_MORE
```

```
FROM (
```

```
SELECT COUNT (Project_Works.student_id) FROM Project_Works INNER JOIN Project ON  
Project_Works.project_id = Project.project_id
```

```
WHERE project_owner="Erdogan Sevilgen"
```

```
GROUP BY Project_Works.student_id
```

```
HAVING COUNT(Project_Works.student_id) >=3);
```

3_AND_MOF
3

C)the names of all students who have done some Project by the teacher Erdogan Sevilgen and have never done by teacher “David Hamilton”. :

```
SELECT DISTINCT student_name
```

```
FROM (Students INNER JOIN Project_Works ON Students.student_id =  
Project_Works.student_id) INNER JOIN Project ON Project_Works.project_id =  
Project.project_id
```

```
WHERE project_owner<>"David Hamilton"
```

```
AND NOT student_name IN (SELECT DISTINCT student_name
```

```
FROM (Students INNER JOIN Project_Works ON Students.student_id =  
Project_Works.student_id) INNER JOIN Project ON Project_Works.project_id =  
Project.project_id
```

```
WHERE project_owner<>"Erdogan Sevilgen" );
```

student_narr ▾
Arzu
Ayşe
Kenan
Leyla
Melisa
Selin
Suzan
Yasin