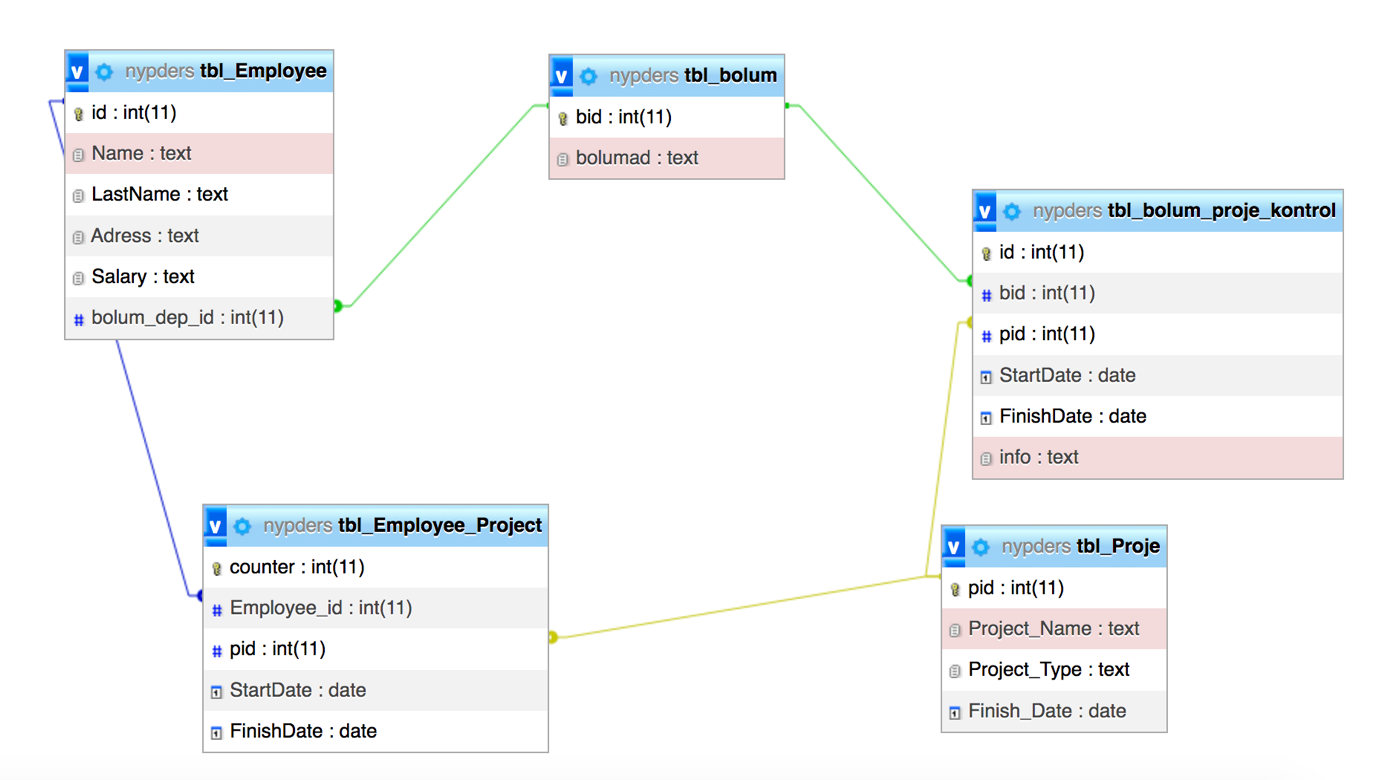
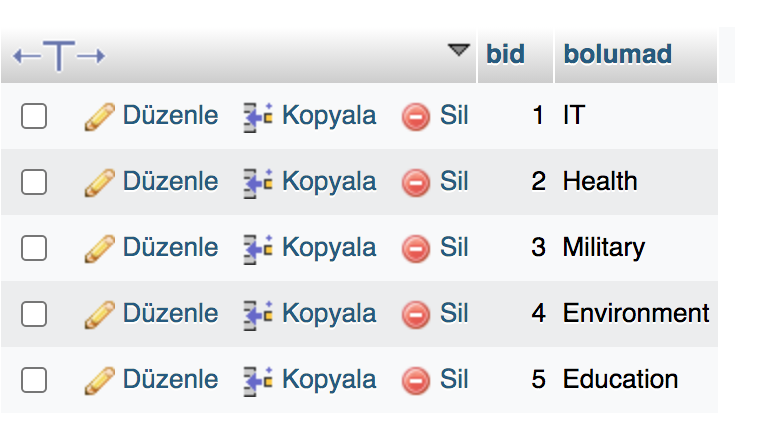
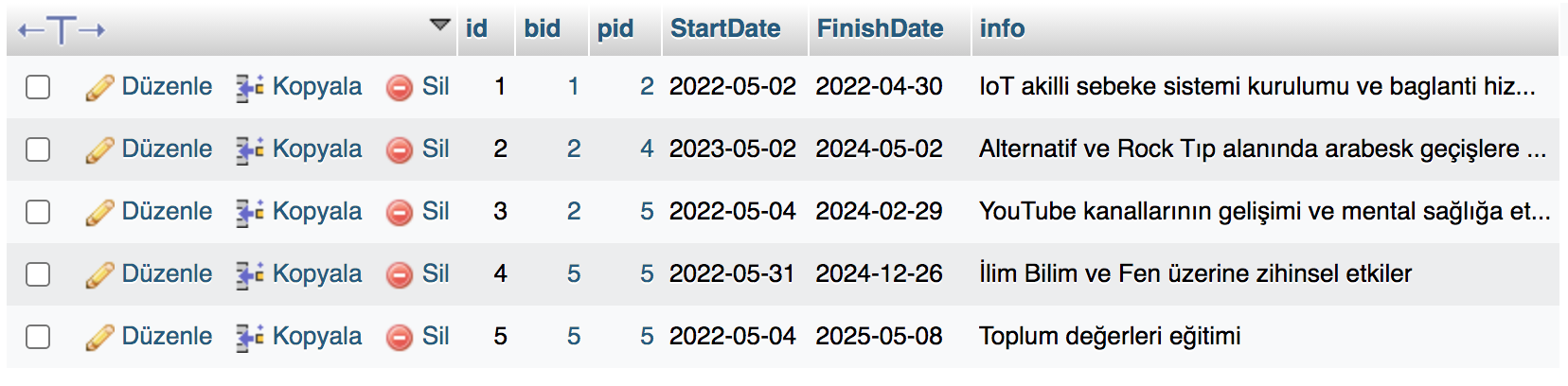
**DB Tablolar ve SQL Sorgular**



Bölüm Tablosu



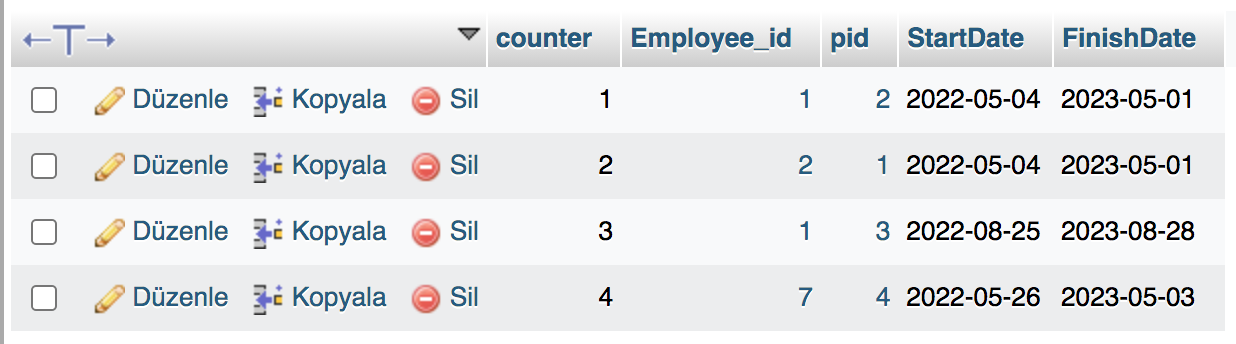
Bolüm Proje Kontrol Tablosu



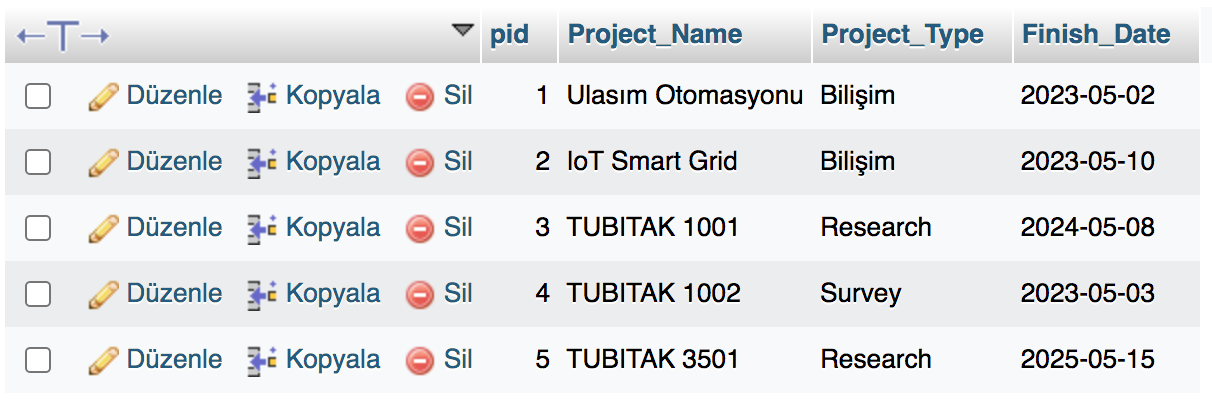
Tbl\_Employee



Tbl\_Employee\_Project



Tbl\_Proje



[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `tbl\_Proje` WHERE Finish\_Date<'2023-05-10';

COUNT

Çalışan sayısı

SELECT COUNT(\*) FROM `tbl\_Employee`

Denizlili Çalışan sayısı

SELECT COUNT(\*) FROM `tbl\_Employee`

WHERE Adress='Denizli'

Maaşı 4000 50000 arasından olan çalışan sayısı

SELECT COUNT(\*) FROM `tbl\_Employee`

WHERE Salary

BETWEEN 4000 AND 50000

IN Where sonrası çok değer girmeye yarar, Or gibi çalışır. Çalışan tablosunda adres Izmir yada Denizli olanları getir.

SELECT \* FROM `tbl\_Employee`

WHERE Adress IN ('Denizli', 'Izmır')

SELECT \* FROM `tbl\_Employee`

WHERE Adress NOT IN ('Denizli', 'Izmır')

SELECT \* FROM `tbl\_Employee`

WHERE Adress

**LIKE** 'D%'

Alternatifleri deneyin '%e' '%e%'

INSERT INTO `tbl\_Employee`( `Name`, `LastName`, `Adress`, `Salary`, `bolum\_dep\_id`) VALUES ('Merve','Metin','Canakkale','45000','3');

Adresi denizli veya maaşı 40000 den fazla olan çalışanlar

select \* from tbl\_Employee where Adress='Denizli' OR salary>40000

Çalışanların bölüm id leri/kaç bölüm var

select DISTINCT bolum\_dep\_id from tbl\_Employee

**ANY**

SELECT info

FROM tbl\_bolum\_proje\_kontrol

WHERE pid = ANY (SELECT pid FROM tbl\_Proje WHERE Project\_Type='Research');

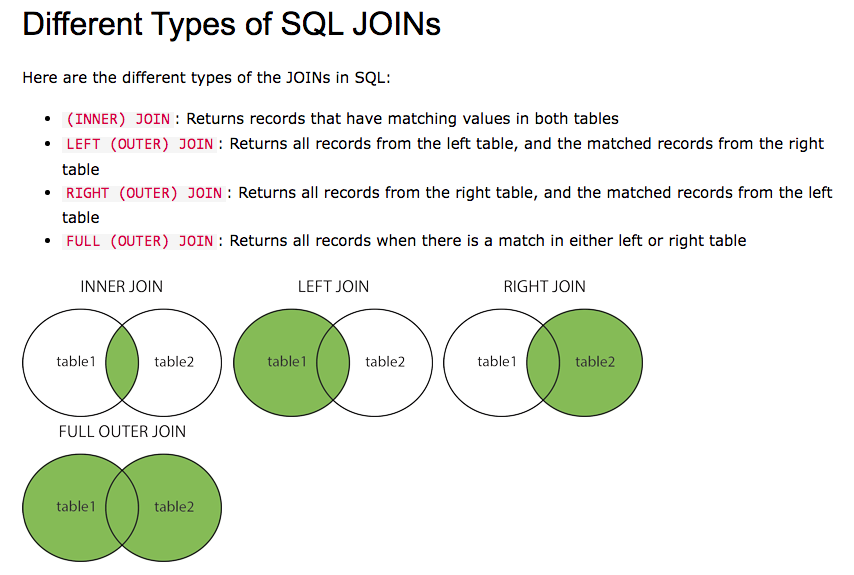
SELECT info

FROM tbl\_bolum\_proje\_kontrol

WHERE bid = ANY (SELECT bid FROM tbl\_bolum WHERE bolumad='Education');

select Project\_Name, Project\_Type from tbl\_Proje where EXISTS(select pid from tbl\_Employee\_Project WHERE pid=tbl\_Proje.pid)

<https://www.w3schools.com/sql/sql_join.asp>



INNER JOIN

SELECT \*

FROM tbl\_Employee

INNER JOIN tbl\_bolum\_proje\_kontrol

ON tbl\_Employee.bolum\_dep\_id=tbl\_bolum\_proje\_kontrol.bid

SELECT tbl\_Employee.**Name**,tbl\_Employee.**LastName**, tbl\_Employee.**bolum\_dep\_id**, tbl\_bolum\_proje\_kontrol**.bid**,tbl\_bolum\_proje\_kontrol.**info**,tbl\_bolum\_proje\_kontrol.**StartDate**

FROM tbl\_Employee

**INNER JOIN** tbl\_bolum\_proje\_kontrol

ON tbl\_Employee.bolum\_dep\_id=tbl\_bolum\_proje\_kontrol.bid



SELECT table1.column1,table1.column2,table2.column1,....

FROM table1

LEFT JOIN table2

ON table1.matching\_column = table2.matching\_column;

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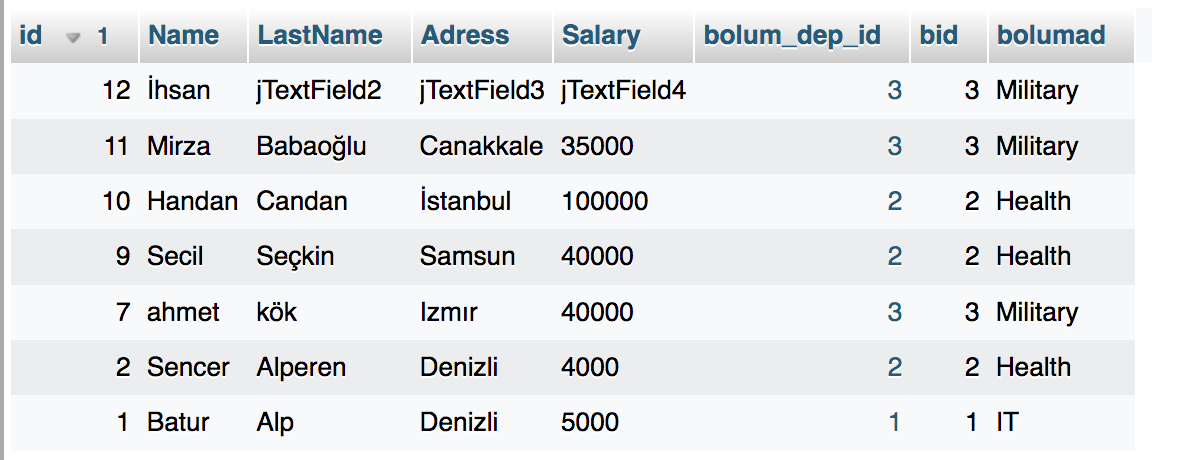
SELECT \*

FROM tbl\_Employee

**LEFT JOIN** tbl\_bolum

ON tbl\_Employee.bolum\_dep\_id=tbl\_bolum.bid

ORDER BY tbl\_Employee.id DESC



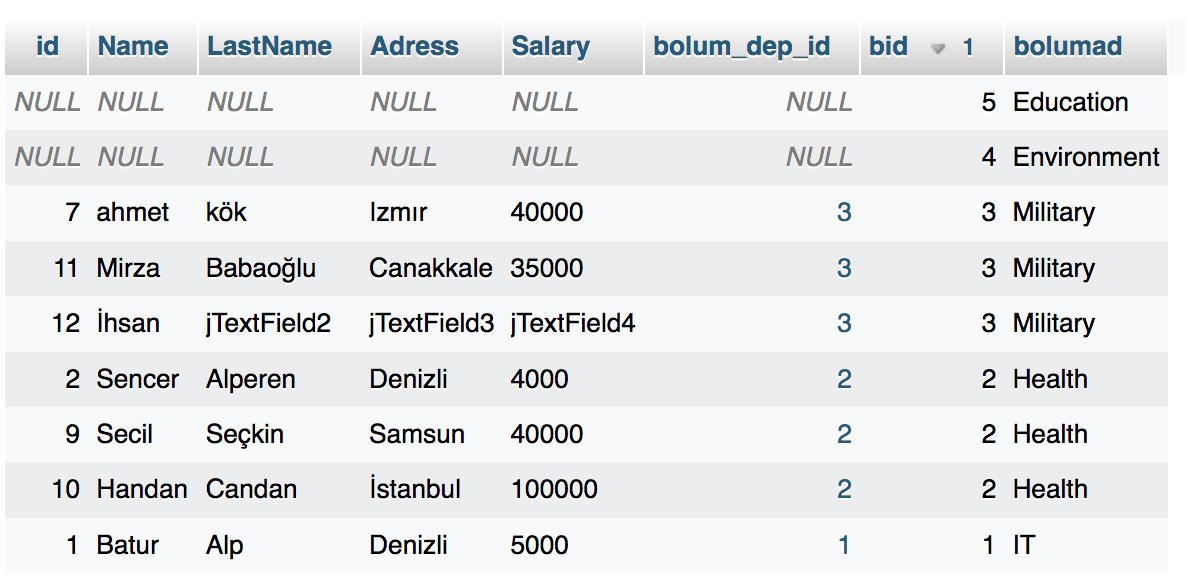
SELECT \*

FROM tbl\_Employee

**RIGHT JOIN** tbl\_bolum

ON tbl\_Employee.bolum\_dep\_id=tbl\_bolum.bid

ORDER BY tbl\_bolum.bid DESC



SELECT \*

FROM tbl\_Proje

CROSS JOIN tbl\_Employee;

SELECT \*

FROM tbl\_Employee\_Project

CROSS JOIN tbl\_Proje

WHERE tbl\_Employee\_Project.pid=tbl\_Proje.pid

