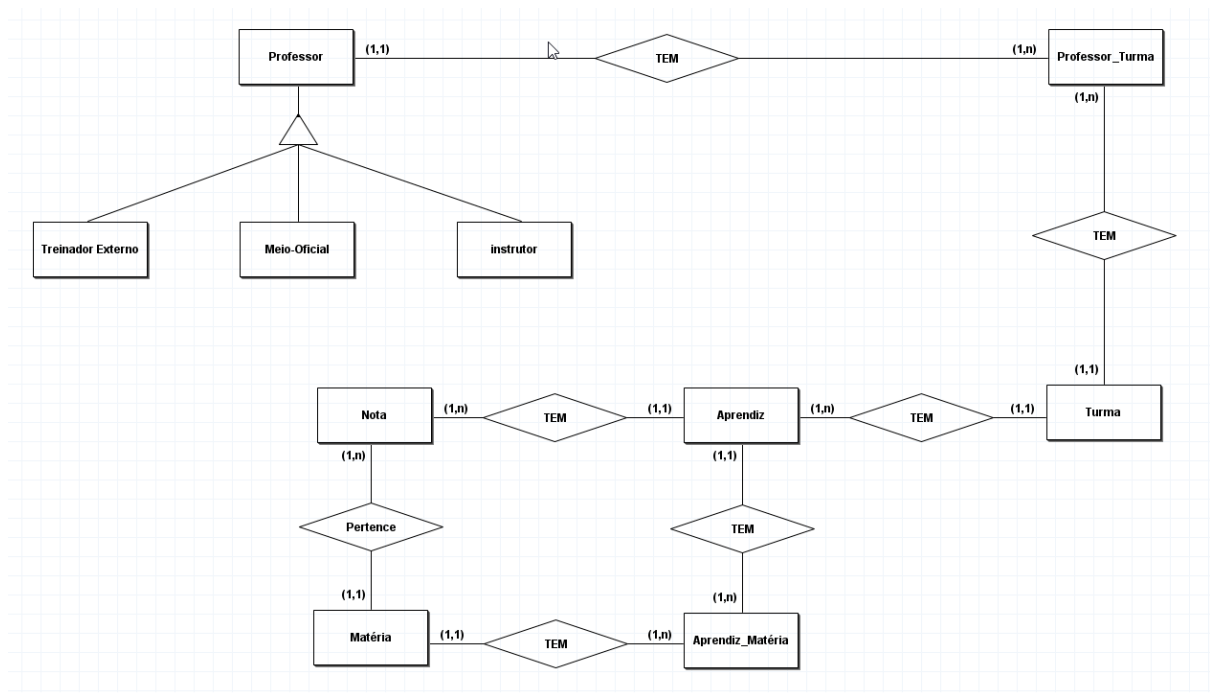
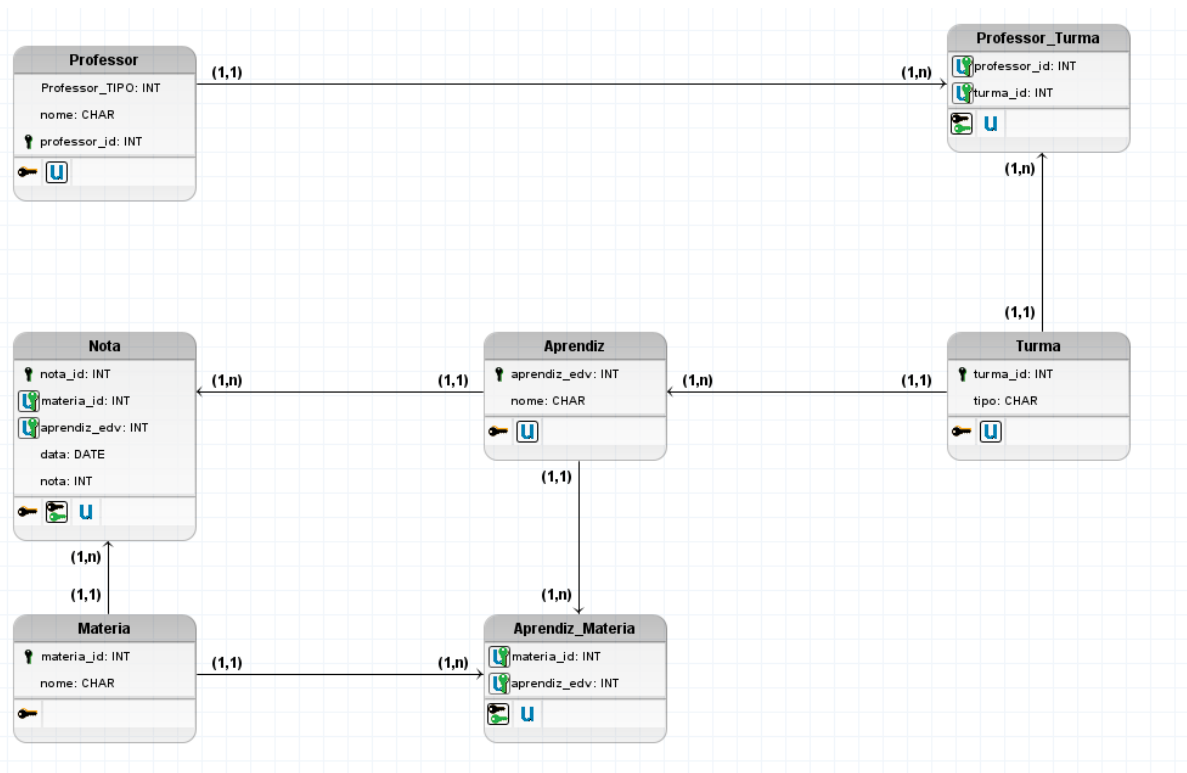


1)



2)



3)

```

create table Departamentos(
dep_id INT PRIMARY KEY,
dep_nome VARCHAR (20),

```

```
dep_local int
)
```

```
create table Funcionarios(
edv INT PRIMARY KEY,
nome VARCHAR (15),
lider VARCHAR (15),
data_contratacao date,
salario int,
dep_id int,
FOREIGN KEY (dep_id) REFERENCES Departamentos(dep_id)
)
```

```
create table Grade_salarial(
grade INT PRIMARY KEY,
sal_min int,
sal_max int
)
```

```
INSERT INTO Departamentos (dep_id, dep_nome, dep_local)
VALUES
(1, 'REMAN', 104),
(2, 'ICO', 101),
(3, 'ETS', 401),
(4, 'FCM', 303),
(5, 'INOVE', 303);
```

```
INSERT INTO Grade_salarial (grade, sal_min, sal_max)
VALUES
(1, 1500, 4000),
(2, 4001, 9000),
(3, 9001, 22000),
(4, 22001, 50000);
```

```
INSERT INTO Funcionarios (edv, nome, lider, data_contratacao, salario, dep_id)
```

```
VALUES
(92890148,'Edna Carvalho','Andrea','1990-02-24',19000,1),
(92790062,'João Manfredo','Andrea','2001-09-26',12500,1),
(91004090,'Débora Junior','Andrea','1999-03-02',15600,1),
(94566222,'Carla Rodrigues','Andrea','1990-10-04',20000,1),
(96334100,'Maciel Oliveira','Andrea','1995-12-06',16500,1),
(97885245,'Guilherme Gui.','Marcos','2010-05-13',9000,2),
(92894706,'Jessica Lima','Marcos','2015-08-14',25678,2),
(91450032,'Isabella M.','Marcos','1993-01-22',10900,2),
(94661932,'Carlo Daniel','Lucio','1990-01-31',13750,2),
(95780634,'Maria Santana','Lucio','2015-09-05',8000,2),
(97881945,'Dominic F.','Pietra','2020-02-09',2000,3),
(98490620,'Daniela Silva','Pietra','2020-02-09',1500,3),
(96854299,'Felipe Augusto','Pietra','2020-02-09',1600,3),
(97805503,'Natalia Reis','Pietra','2019-06-14',2200,3),
(90103456,'Thiago Dias','Pietra','2018-08-24',2800,3),
(98462157,'Lorena Ray','Pietra','2017-02-25',1900,3),
(95482340,'Natanael Brasil','Pietra','2020-06-03',3500,3),
(96314782,'Ana Mass','Captu','1997-02-19',3600,4),
(97854318,'Otávio Luis','Captu','2017-05-19',9200,4),
```

```
(94862122,'Luisa Otávia','Captu','2002-11-11',10500,4),
(97864320,'Lucas Moura','Captu','1990-08-29',6600,4),
(96315782,'Fernanda L.','Captu','1999-12-17',2900,4),
(97546210,'Caroline Adeus','Captu','2018-02-19',4555,4),
(94621573,'Marco Valastro','Captu','2003-03-30',7000,4),
(96548432,'Valdemir C.','Jonas','2020-03-15',1200,5),
(97511020,'Eduarda Souza','Jonas','2011-08-14',1100,5),
(96410654,'Allan Jonas','Felipe','2008-06-17',3200,5),
(95645012,'Diana Jones','Felipe','2002-09-24',2050,5),
(94746054,'Mario Bros','Felipe','1990-01-18',25600,5),
(92085478,'Aline Franco','Jonas','1996-05-05',3700,5);
```

4)

```
select Funcionarios.nome, Departamentos.dep_nome as 'Setor' from Funcionarios inner
join Departamentos on Funcionarios.dep_id=Departamentos.dep_id where Funcionarios.nome
like 'd%';
```

```
select Funcionarios.nome, Funcionarios.salario as 'Maior salario' from Funcionarios
inner join Departamentos on Funcionarios.dep_id=Departamentos.dep_id where
Funcionarios.nome like 'd%' and funcionarios.salario=(select Max(salario) from
funcionarios where nome like 'd%');
```

	nome	Setor
1	Débora Junior	REMAN
2	Diana Jones	INOVE
3	Dominic F.	ETS
4	Daniela Silva	ETS

	nome	Maior salario
1	Débora Junior	15600

5)

```
select Funcionarios.nome, Departamentos.dep_nome as 'Departamento',
Departamentos.dep_local as 'Local de Trabalho' from Funcionarios inner join
Departamentos on Funcionarios.dep_id=Departamentos.dep_id;
```

	nome	Departamento	Local de Trabalho
1	Thiago Dias	ETS	401
2	Débora Junior	REMAN	104
3	Isabella M.	ICO	101
4	Aline Franco	INOVE	303
5	João Manfredo	REMAN	104
6	Edna Carvalho	REMAN	104
7	Jessica Lima	ICO	101
8	Carla Rodrigues	REMAN	104
9	Marco Valastro	FCM	303
10	Carlo Daniel	ICO	101
11	Mario Bros	INOVE	303
12	Luisa Otávia	FCM	303
13	Natanael Brasil	ETS	401
14	Diana Jones	INOVE	303
15	Maria Santana	ICO	101
16	Ana Mass	FCM	303
17	Fernanda L.	FCM	303
18	Maciel Oliveira	REMAN	104
19	Allan Jonas	INOVE	303
20	Valdemir C.	INOVE	303
21	Felipe Augusto	ETS	401
22	Eduarda Souza	INOVE	303
23	Caroline Adeus	FCM	303
24	Natalia Reis	ETS	401
25	Otávio Luis	FCM	303
26	Lucas Moura	FCM	303
27	Dominic F.	ETS	401
28	Guilherme Gui.	ICO	101
29	Lorena Ray	ETS	401
30	Daniela Silva	ETS	401

6)

```

UPDATE Funcionarios
SET salario+=((select sum(salario) from Funcionarios where lider='jonas'))/(select
count(nome) from Funcionarios where lider!='jonas'))
WHERE lider!='jonas';

DELETE FROM Funcionarios where lider='jonas';

select * from funcionarios order by lider asc;

```

	edv	nome	lider	data_contratacao	salario	dep_id
1	91004090	Débora Junior	Andrea	1999-03-02	15822	1
2	92790062	João Manfredo	Andrea	2001-09-26	12722	1
3	92890148	Edna Carvalho	Andrea	1990-02-24	19222	1
4	94566222	Carla Rodrigues	Andrea	1990-10-04	20222	1
5	96334100	Maciel Oliveira	Andrea	1995-12-06	16722	1
6	96314782	Ana Mass	Captu	1997-02-19	3822	4
7	96315782	Fernanda L.	Captu	1999-12-17	3122	4
8	94862122	Luisa Otávia	Captu	2002-11-11	10722	4
9	94621573	Marco Valastro	Captu	2003-03-30	7222	4
10	97546210	Caroline Adeus	Captu	2018-02-19	4777	4
11	97854318	Otávio Luis	Captu	2017-05-19	9422	4
12	97864320	Lucas Moura	Captu	1990-08-29	6822	4
13	94746054	Mario Bros	Felipe	1990-01-18	25822	5
14	95645012	Diana Jones	Felipe	2002-09-24	2272	5
15	96410654	Allan Jonas	Felipe	2008-06-17	3422	5
16	95780634	Maria Santana	Lucio	2015-09-05	8222	2
17	94661932	Carlo Daniel	Lucio	1990-01-31	13972	2
18	92894706	Jessica Lima	Marcos	2015-08-14	25900	2
19	91450032	Isabella M.	Marcos	1993-01-22	11122	2
20	97885245	Guilherme Gui.	Marcos	2010-05-13	9222	2
21	98462157	Lorena Ray	Pietra	2017-02-25	2122	3
22	98490620	Daniela Silva	Pietra	2020-02-09	1722	3
23	97881945	Dominic F.	Pietra	2020-02-09	2222	3
24	97805503	Natalia Reis	Pietra	2019-06-14	2422	3
25	90103456	Thiago Dias	Pietra	2018-08-24	3022	3
26	95482340	Natanael Brasil	Pietra	2020-06-03	3722	3
27	96854299	Felipe Augusto	Pietra	2020-02-09	1822	3

7)

```
select nome, edv, lider, (select grade from grade_salarial where ((select salario from
funcionarios where data_contratacao=(select min(data_contratacao) from
funcionarios))>grade_salarial.sal_min and (select salario from funcionarios where
data_contratacao=(select min(data_contratacao) from
funcionarios))<grade_salarial.sal_max)) as 'Grade' from Funcionarios where
data_contratacao=(select min(data_contratacao) from funcionarios);
```

	nome	edv	lider	Grade
1	Mario Bros	94746054	Felipe	4

8)

```
select count(nome) as 'Salarios > 4000', departamentos.dep_nome as 'Setor' from
Funcionarios inner join Departamentos on Funcionarios.dep_id=Departamentos.dep_id
where salario>4000 group by departamentos.dep_nome;
```

	Salarios > 4000	Setor
1	5	FCM
2	5	ICO
3	1	INOVE
4	5	REMAN

9)

```
UPDATE Funcionarios
SET lider='Marcos'
WHERE lider='Lucio';
```

```
select nome, edv from Funcionarios where data_contratacao>='2015-01-01' and
lider='marcos';
```

	nome	edv
1	Jessica Lima	92894706
2	Maria Santana	95780634

10)

```
select Departamentos.dep_nome as 'Setor', avg(funcionarios.salario) as 'Media
Salarial', max(funcionarios.salario) as 'Maior Salario', min(funcionarios.salario) as
'Menor Salario' from Funcionarios inner join Departamentos on
Funcionarios.dep_id=Departamentos.dep_id group by departamentos.dep_nome;
```

	Setor	Media Salarial	Maior Salario	Menor Salario
1	ETS	2436	3722	1722
2	FCM	6558	10722	3122
3	ICO	13687	25900	8222
4	INOVE	10505	25822	2272
5	REMAN	16942	20222	12722