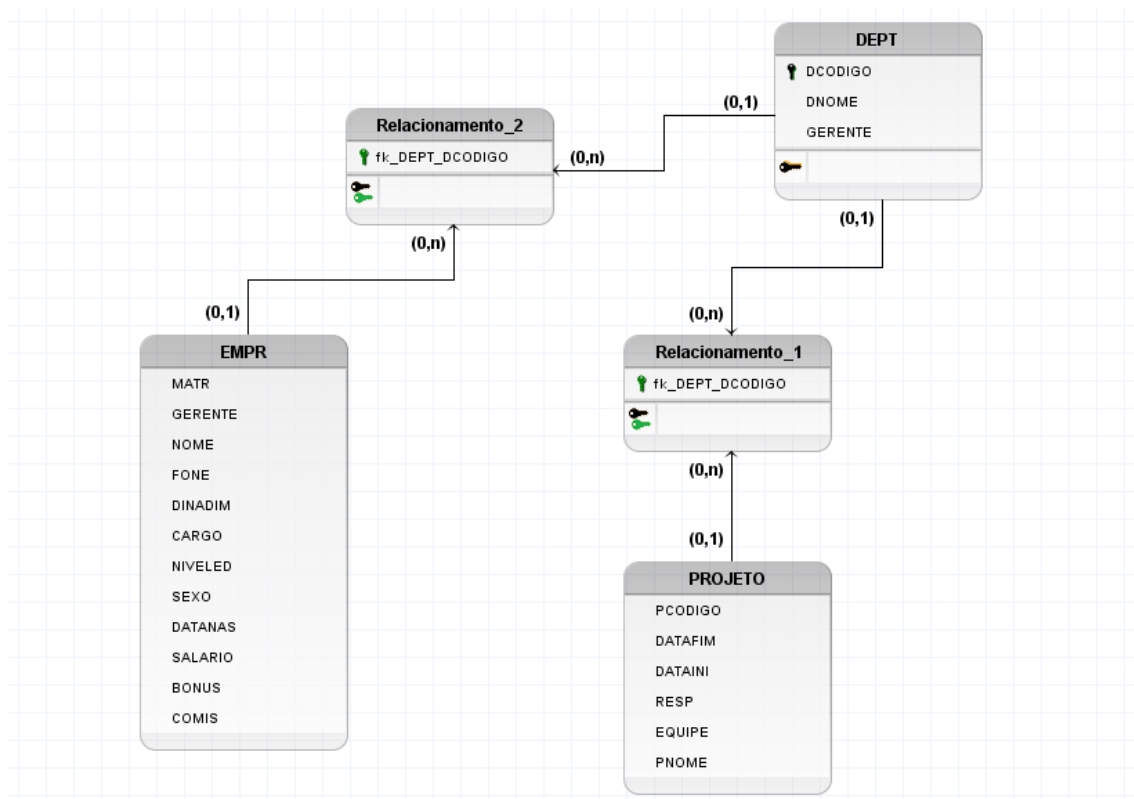


1-)



2-)

```
CREATE DATABASE Atv1-BDII;
```

```
CREATE TABLE IF NOT EXISTS `empr` (  
  `MATR` char(6) NOT NULL,  
  `NOME` varchar(12) NOT NULL,  
  `SOBRENOME` varchar(15) NOT NULL,  
  `DEPT` char(3) DEFAULT NULL,  
  `FONE` char(14) DEFAULT NULL,  
  `DINADIM` date DEFAULT NULL,  
  `CARGO` char(10) DEFAULT NULL,  
  `NIVELED` int(11) DEFAULT NULL,  
  `SEXO` char(1) DEFAULT NULL,  
  `DATANAS` date DEFAULT NULL,  
  `SALARIO` decimal(9,2) DEFAULT NULL,  
  `BONUS` decimal(9,2) DEFAULT NULL,
```

```
`COMIS` decimal(9,2) DEFAULT NULL  
);
```

```
CREATE TABLE IF NOT EXISTS `dept` (  
  `DCODIGO` char(3) NOT NULL,  
  `DNOME` varchar(36) NOT NULL,  
  `GERENTE` char(6) DEFAULT NULL  
);
```

```
CREATE TABLE IF NOT EXISTS `projeto` (  
  `PCODIGO` char(6) DEFAULT NULL,  
  `PNOME` varchar(24) DEFAULT NULL,  
  `DCODIGO` char(3) DEFAULT NULL,  
  `RESP` char(6) DEFAULT NULL,  
  `EQUIPE` int(5) NOT NULL,  
  `DATAINI` date NOT NULL,  
  `DATAFIM` date NOT NULL  
);
```

3-)

```
INSERT INTO `dept`(`DCODIGO`, `DNOME`, `GERENTE`) VALUES ("A1", "DIV. SERVIÇOS DE  
COMPUTADOR", 10), ("B1", "PLANEJAMENTO", 20), ("C1", "CENTRO DE INFORMAÇÕES", 30),  
("D1", "CENTRO DE DESENVOLVIMENTO", 40), ("E1", "SERVIÇOS DE SUPORTE", null), ("A1",  
"SERVIÇOS COMUNITÁRIOS", null);
```

```
INSERT INTO `projeto`(`PCODIGO`, `PNOME`, `DCODIGO`, `RESP`, `EQUIPE`, `DATAINI`,  
`DATAFIM`) VALUES ("P200", "Outubro rosa", "D1", 100, 7, "2020-09-21", "2020-10-19"),  
("A100", "Novembro azul", "D1", 100, 7, "2020-10-01", "2020-10-31"), ("D200", "Suporte na  
Praça", "E1", 200, 8, "2020-10-25", "2020-10-28"), ("F200", "Brainstorm", "B1", 300, 9, "2020-  
10-21", "2020-10-21"), ("G200", "Brechó", "A1", 400, 10, "2020-10-31", "2020-11-10"),  
("Y200", "Live de Esclarecimento", "C1", 500, 2, "2020-11-01", "2020-11-01"), ("X200",  
"Semana da Diversidade", "C1", 500, 2, "2020-10-26", "2020-10-31"), ("W200", "Apresentação  
de Projetos", "C1", 500, 2, "2020-12-21", "2020-12-21"), ("M200", "Show da Anitta", "D1", 100,  
7, "2021-01-01", "2020-01-01"), ("N200", "Natal", "D1", 100, 7, "2020-12-23", "2020-12-25");
```

```
INSERT INTO `empr`(`MATR`, `NOME`, `SOBRENOME`, `DEPT`, `FONE`, `DINADIM`, `CARGO`,
`NIVELED`, `SEXO`, `DATANAS`, `SALARIO`, `BONUS`, `COMIS`) VALUES (100, "Fernando",
"Nogueira", "D1", "40331212", "2000-09-21", "Gerente", 15, "M", "1994-01-18", 7550.00,
500.00, 1000.00), (100, "Jéssica", "Fernandes", "D1", "40393939", "2020-01-21", "Estagiario",
2, "F", "2000-02-28", 900.00, 0, 0), (100, "Gabriel", "Telles", "D1", "40029414", "2018-10-21",
"Júnior 3", 7, "M", "1996-06-21", 1700.00, 300.00, 0), (400, "Fernando", "Alvarenga", "A1",
"40000123", "2010-01-21", "Senior", 17, "M", "1989-02-25", 9550.00, 1500.00, 0), (400,
"Martin", "Nópolis", "A1", "44484848", "2009-05-21", "Pleno", 21, "M", "1975-01-20",
10750.00, 2500.00, 0), (500, "Matheus", "Fagundes", "C1", "40335155", "1994-01-05",
"Estoquista", 2, "M", "1999-01-01", 600.00, 0, 0), (500, "Alexandra", "Belgir", "C1",
"40002121", "2020-09-21", "", 7, "F", "1994-03-28", 7485.00, 1200.00, 500.00), (200, "Wesley",
"Camargo", "E1", "454545454", "1974-11-11", "", 4, "M", "1994-05-05", 754.00, 300.00,
250.00), (200, "Hanah", "Martega", "E1", "40123232", "2018-10-11", "Suporte", 2, "F", "2001-
04-20", 1152.00, 0, 0), (200, "Victoria", "Grande", "E1", "45420123", "2017-09-21", "", 15, "F",
"2000-01-18", 3500.00, 500.00, 1000.00), (300, "Jiovane", "Martins", "B1", "40133232", "2001-
04-26", "Limpeza", 9, "M", "1945-01-22", 1700.00, 100.00, 0), (300, "Vinicius", "Diesel", "B1",
"45656453", "2007-03-21", "Professor", 15, "M", "1972-01-28", 500.00, 500.00, 10000.00),
(300, "Bob", "Bota", "B1", "45153256", "2020-09-21", "Camareiro", 4, "M", "2000-05-31",
700.00, 500.00, 0), (100, "Debora", "Pereira", "A1", "47897878", "2001-01-02", "", 15, "F",
"2000-04-05", 470.00, 500.00, 1000.00), (500, "Beatriz", "Valera", "C1", "40010112", "2020-10-
01", "Front-end", 29, "F", "2000-03-28", 1000.00, 200.00, 300.00), (200, "Adriana", "Martins",
"E1", "41231231", "1984-11-11", "Artista", 4, "F", "1984-05-05", 450.00, 300.00, 250.00), (200,
"Carolina", "Ribeiro", "E1", "41567894", "2015-11-11", "Médico", 50, "F", "1990-04-20",
15152.00, 0, 0), (200, "Amanda", "Magalhães", "E1", "41323647", "2018-06-11", "Chef", 25,
"F", "1955-05-18", 450.00, 0, 3000.00), (300, "Ricardo", "Souza", "B1", "41236547", "2001-04-
20", "Repórter", 7, "M", "1985-02-22", 1700.00, 100.00, 0), (300, "Marcia", "Silveira", "B1",
"48784894", "2005-03-21", "Dentista", 45, "F", "1990-04-08", 7500.00, 1500.00, 1000.00);
```

4-)

a-)

```
SELECT SOBRENOME, NOME, DEPT, DATANAS, DINADIM, SALARIO FROM `empr` WHERE
(SALARIO * 12) > 30000
```

b-)

```
SELECT * FROM `dept` WHERE GERENTE is null;
```

c-)

```
SELECT SOBRENOME, NOME, DEPT, DATANAS, DINADIM, SALARIO FROM `empr` WHERE
(SALARIO * 12) < 20000 ORDER BY SOBRENOME, NOME;
```

d-)

```
SELECT * FROM `dept` WHERE DCODIGO = "A1";
```

e-)

```
SELECT DCODIGO, DNOME FROM `dept` WHERE DNOME LIKE "%Serviço%";
```

f-)

```
SELECT MATR, SOBRENOME, DEPT, FONE FROM `empr` WHERE DEPT BETWEEN "B1" AND "D1";
```

g-)

```
SELECT SOBRENOME, DEPT, (SALARIO * COMIS) AS "Rendimento" FROM `empr` WHERE DEPT = "B1" OR DEPT = "C1" ORDER BY DEPT, (SALARIO * COMIS) DESC;
```

h-)

```
SELECT SOBRENOME, SALARIO, DEPT FROM `empr` WHERE SALARIO > 3000 ORDER BY SOBRENOME;
```