create database bdEmpresa;

use bdEmpresa;

create table empresa(

idEmpresa int primary key auto\_increment,

cnpjEmpresa char(18),

responsavel varchar(50),

cargo varchar (40),

telefone varchar(15),

email varchar (100)

);

create table tbUsuario (

idUsuario int primary key auto\_increment,

nomeUsuario varchar (50),

funcao varchar (12),

check (funcao = 'ADM' or funcao = 'Funcionario' )

);

create table tbSensor (

idSensor int primary key auto\_increment,

localSensor varchar (15),

tipoSensor char (1) not null,

check (tipoSensor = 'T' or tipoSensor = 'U'),

temperatura double,

umidade double

);

alter table tbSensor add column mediaHora time;

select idUsuario as 'Id',

nomeUsuario as 'Nome do Usuário',

funcao as 'Cargo do Usuário' from tbUsuario;

select idSensor as 'Id',

localSensor as 'Local do sensor',

tipoSensor as 'tipo do Sensor',

temperatura, umidade,

mediaHora as 'Media por hora'

from tbSensor;