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CAMPUS CERES
BACHARELADO EM SISTEMAS DE INFORMAÇÃO

CIBELE MONALISA DE ALMEIDA SILVA
NATANAEL NUNES PEREIRA
PEDRO VINICIUS PRETO FERREIRA
VALDIVINO FERREIRA BORGES NETO

PROJETO DE UM BANCO DE DADOS PARA UM SISTEMA DE GERENCIAMENTO E AUTOMAÇÃO DO REFEITÓRIO DO INSTITUTO FEDERAL GOIANO CAMPUS CERES

CERES-GO
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SUMÁRIO

SIGLAS

bd - Banco de Dados

DER - *Diagrama entidade e relacionamento*

SGR - *Sistema Gerencial de Refeitório*

SGDB - *Sistema de gerenciamento de banco de dados*

1.   CAPÍTULO 1

1.1. Introdução

A refeição é uma parte essencial no nosso dia a dia, sendo assim lugares que promova isso são extremamentes vitais. O refeitório do Campus Ceres do IF Goiano possui em suas dependências um refeitório estudantil que proporciona isso gratuitamente para os discentes do ensino médio e técnico, e um pequeno valor simbólico para os demais. No entanto, o controle de fluxo de entrantes no refeitório ainda é realizado de forma monótona e repetitiva, utilizando-se de papel e caneta, maneira na qual possui maior possibilidade de erros, pois essa dependência humana pode causar lentidão e falhas, além de ser arcaica quando comparada aos métodos de controle gerenciais atuais. Nesse sentido, surge a necessidade de desenvolver um método de controle funcional, eficiente e capaz de atender a demanda imposta pela instituição. Neste trabalho realizado para a disciplina de Banco de Dados II, realizou-se a modelagem de dados a fim de atender essa proposta, assim criando um banco de dados eficiente e funcional, capaz de controlar o fluxo de entrantes e suas devidas permissões quando trata-se de discentes e além de fornecer relatórios úteis e dinâmicos para a instituição, sejam eles quantitativos e qualitativos, tais como: quantidade de refeições diárias, mensais, categoria de público.

2. CAPÍTULO 2

2.1. Modelagem Conceitual

Primeiramente foi feito um levantamento dos requisitos do nosso sistema gerencial, deste modo foi criado um diagrama DER.

2.2. Levantamento de Requisitos

Foi então refletido qual era a necessidade no refeitório. Depois de uma reunião inicial os requisitos foram definidos como:

Requisitos funcionais:
- Cadastro de usuário. (Cadastro de usuário.)
- Emissão de passe. (Gerar passes para externos e demais servidores.)
- Emissão de relatórios, diários e mensais. (O sistema será capaz de exportar relatórios úteis quanto ao fluxo de entrantes.)
- Controle de entrantes. (O sistema será capaz de controlar os entrantes e sua devida autenticação, de acordo com sua patente e suas devidas permissões.)

Requisitos não-funcionais:
- O entrante só poderá entrar nas dependências do refeitório caso o sistema conceda a permissão, entretanto, o funcionário da portaria do refeitório deverá garantir que ninguém entre sem a devida autorização.

2.3. Modelo Conceitual

Seguindo os requisitos elaborados, fizemos um diagrama entidade e relacionamento, e, no Apêndice A, o descrevemos.

Figura 1: Modelo Conceitual do Banco de Dados.
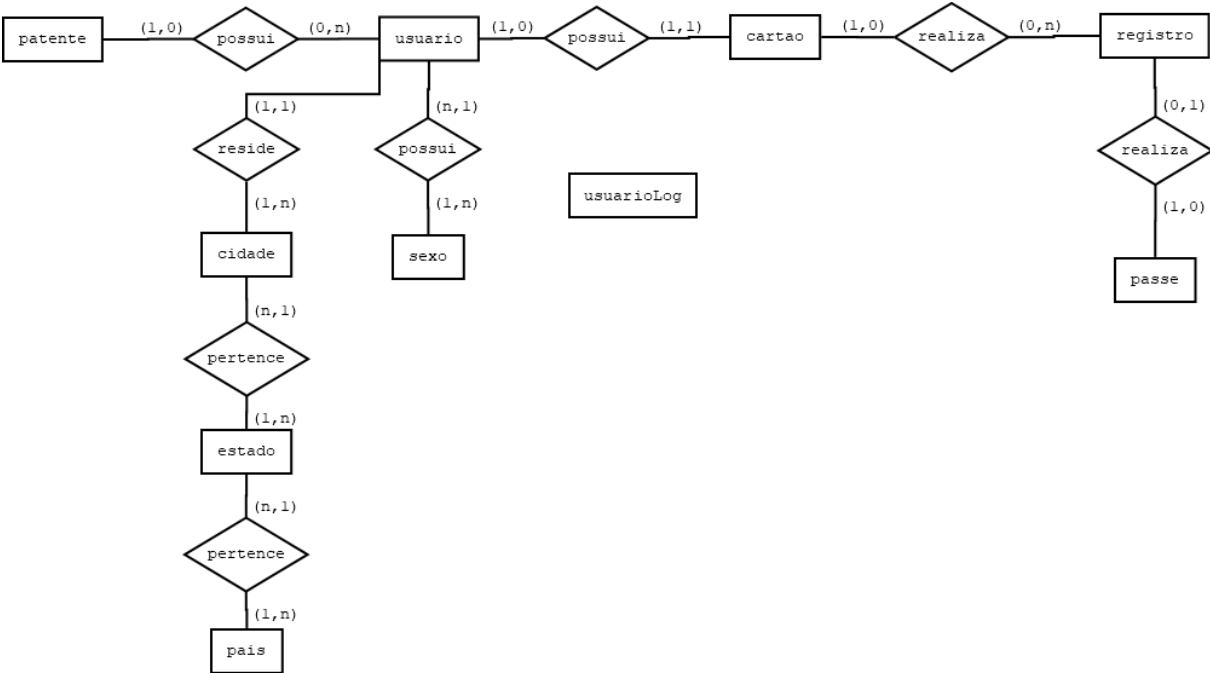
3.   CAPÍTULO 3

3.1.   Aprimoramento do Modelo Conceitual

Aprimoramos nosso modelo e transformamos ele em um modelo lógico e depois em físico.

3.2.   Modelo Lógico

Figura 2: Modelo Lógico do Banco de Dados
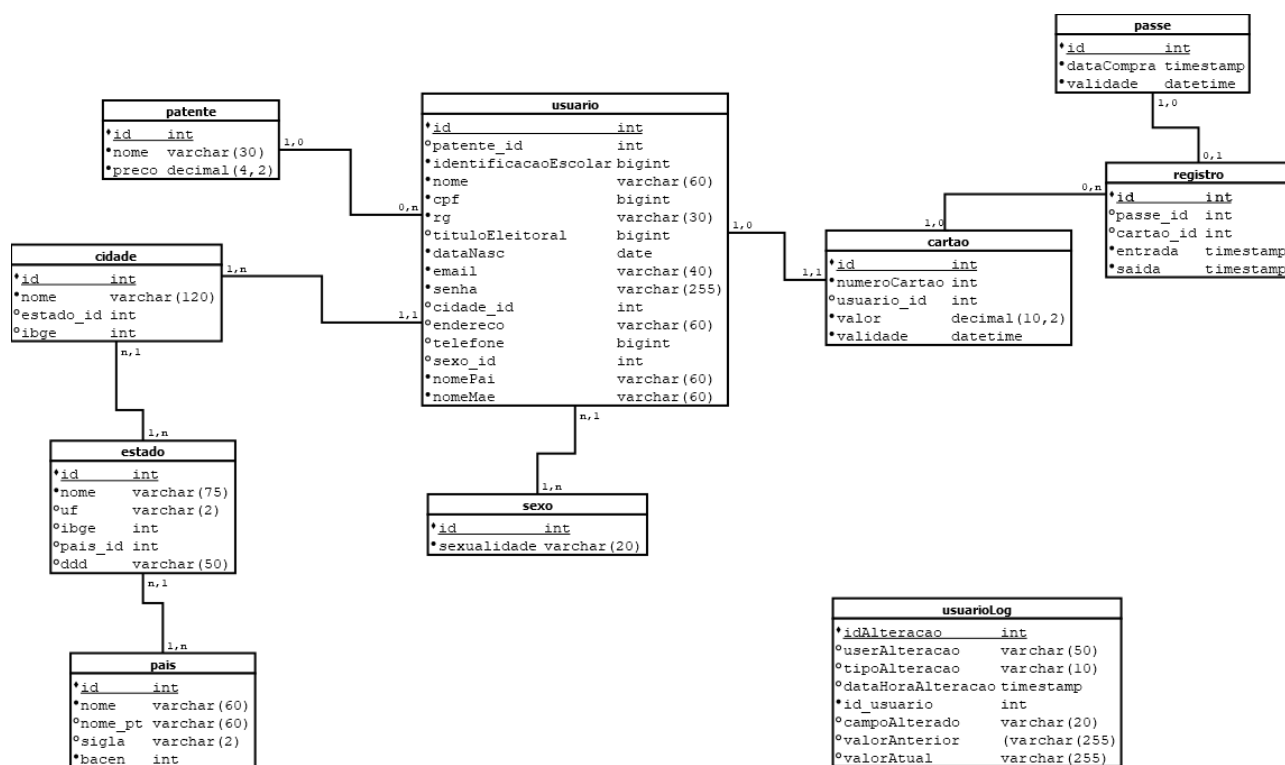
3.3. Modelo Físico

Figura 3: Modelo Físico do Banco de Dados
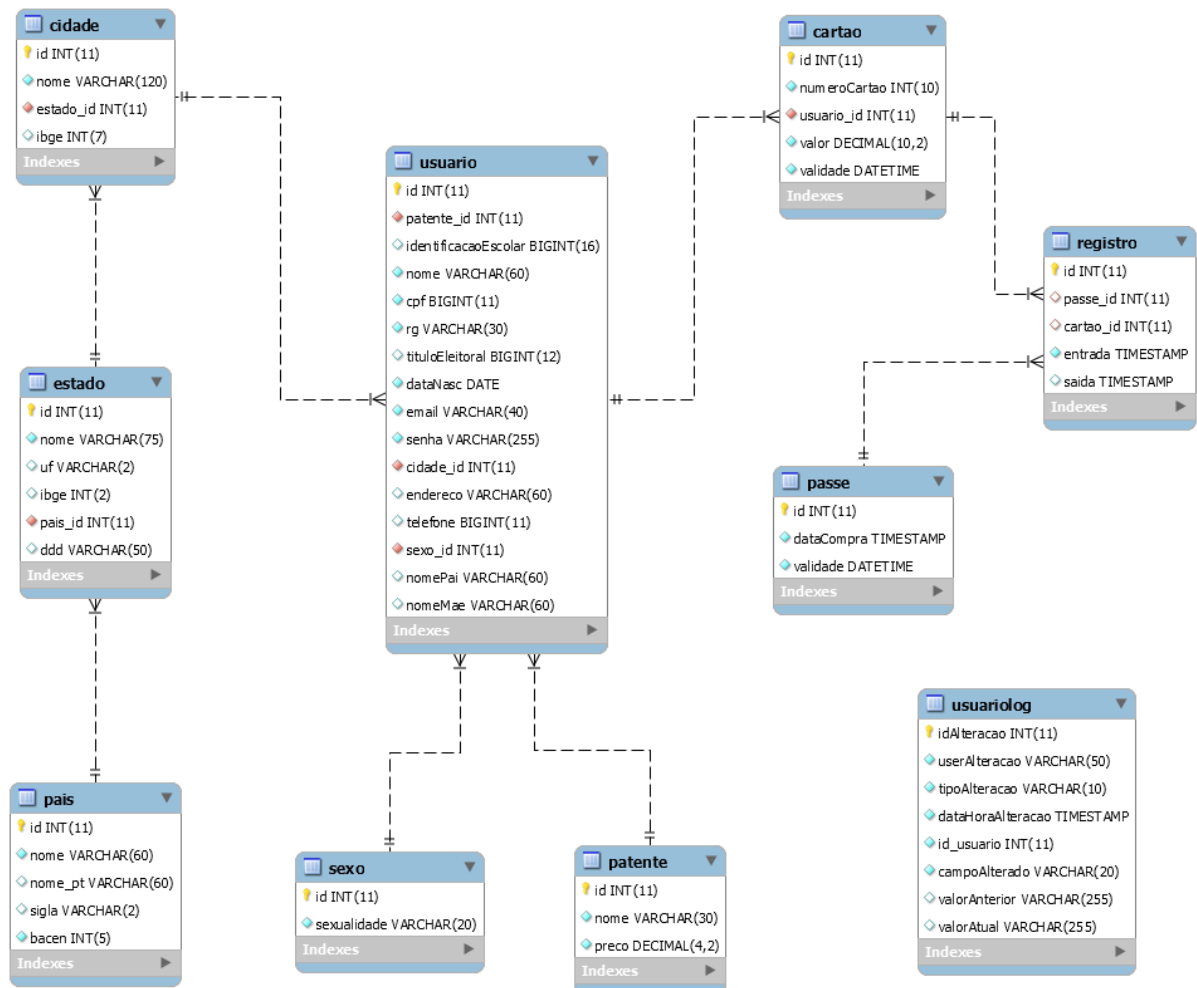
3.4. Convenções

- Nomes de relações em minúsculo sem acento. Ex.: usuario.
- Atributos em minúsculo. Ex.: id, nome.
- Chave primária em sublinhado.
- Chaves estrangeiras em itálico.

3.5. Relações

1. usuario(<u>id</u>, patente_id, identificacaoEscolar, nome, cpf, rg, tituloEleitoral, dataNasc, email, senha, cidade_id, endereco, telefone, sexo_id, nomePai, nomeMae);

2. cidade(<u>id</u>, nome, estado_id, ibge);

3. estado(<u>id</u>, nome, uf, ibge, pais_id, ddd);

4. pais(<u>id</u>, nome, sigla, bacen);

5. patente(<u>id</u>, nome, preco);

6. sexo(<u>id</u>, sexualidade);

7. cartao(<u>id</u>, numeroCartao, usuario_id, valor, validade);

8. passe(<u>id</u>, dataCompra, validade);

9. registro(<u>id</u>, passe_id, cartao_id, entrada, saida);

10. usuarioLog(<u>idAlteracao</u>, tipoAlteracao, currentUser, hostName, dataAlteracao, id_usuario, patente_id, identificacaoEscolar, nome, cpf, rg, tituloEleitoral, dataNasc, email, senha, cidade_id, endereco, telefone, sexo, nomePai, nomeMae);

3.6. Implementação do Banco de Dados

De acordo com os requisitos levantados e os modelos feitos, implementamos nosso banco de dados. O código SQL equivalente está no Apêndice B.

Após uma reunião do grupo, escolhemos o MySQL para ser o SGBD do nosso sistema. Então foi disponibilizado nosso banco no domínio www.adrianobraga.com.br, domínio este providenciado pelo nosso professor para o trabalho em questão.

4. CAPÍTULO 4

4.1. Terceira Fase – Banco De Dados

Ao final do trabalho foi desenvolvido o banco de dados com todas as funcionalidades propostas.

4.2. Ferramentas

As ferramentas escolhidas para o trabalho são:

- MySQL: SGBD para gerenciar o banco de dados.
- Dia: Modelagem do DER
- Adminer: Importar nosso banco para o servidor www.adrianobraga.com.br.

4.3. Códigos SQL Relacionados A Algumas Funcionalidades Implementadas

Nesta parte mostraremos alguns códigos SQLs e funcionalidades do banco Refeitório.

C.1: Consulta para ver se o usuário paga sua entrada no refeitório

Retorna o nome do usuário, sua patente e se ele paga ou não.

```
1.  select u.nome, p.nome, if(p.preco > 0,'Paga','Não paga') as 'Paga ou não'
2.  from usuario u, patente p where u.patente_id = p.id;
```

C.2: Índice criado e comparação de performance

Index com o intuito de permitir o acesso mais rápido na busca da data/hora de entrada de um determinado dia, mês ou ano.

```
1.  create index idx_entrada on registro(entrada);
```

Figura 4: Comparação de Performance.

✅	1143	18:50:35	select *from registro where entrada between '2020-03-01' and '2020-10-30' LIMIT 0, 50000	1010 row(s) returned	0.375 sec / 0.750 sec
✅	1144	18:50:44	create index idx_entrada on registro (entrada)	1010 row(s) affected Records: 1010 Duplicates: 0 Warnings: 0	0.172 sec
✅	1145	18:50:47	select *from registro where entrada between '2020-03-01' and '2020-10-30' LIMIT 0, 50000	1010 row(s) returned	0.344 sec / 0.344 sec

C.3: **Consulta que adiciona em uma view a patente, usuário, data de entrada e saída(formatados em dd/mm/aaaa) de todos os registros de ida ao refeitório no mês atual.**

Criação da view

```
1.  create view registroMensal as select patente.nome as 'Patente',
2.  usuario.nome as 'Usuário',
3.  date_format(registro.entrada, '%d/%m/%Y') as 'Data de Entrada',
4.  date_format(registro.saida, '%d/%m/%Y') as 'Data de Saída'
5.  from registro
6.  inner join cartao on registro.cartao_id = cartao.id
7.  left join usuario on cartao.usuario_id = usuario.id
8.  left join patente on usuario.patente_id = patente.id
9.  where month(registro.entrada) = month(curdate());
```

Chamada da nossa view

```
10. select * from registroMensal;
```

C.4: **Criação de um enum(lista de valores permissíveis) para a tabela sexo.**

Alteração na tabela sexo pra adicionar outra coluna com enum

```
1.  alter table sexo add identidade_genero
2.  enum('Cisgênero','Transgênero','Não-binário');
```

C.5: **Função para calcular se o CPF é válido ou não.**

Baseando-se nas regras de validação de CPF, o código calcula e retorna **1 (true)** em caso de CPFs considerados válidos e **0 (false)** para inválidos.

```
1.  DELIMITER $
2.  CREATE FUNCTION validarcpf (cpf bigint(11) zerofill)
3.  RETURNS INT
4.  BEGIN
5.    DECLARE soma INT;
6.    DECLARE i INT;
7.    DECLARE cont int;
8.    DECLARE digito_verificador1  int(1);
9.    DECLARE digito_verificador2  int(1);
10.   SET digito_verificador1 = substring(cpf,10,1);
11.   SET digito_verificador2 = substring(cpf,11,1);
12.
13.   IF (cpf IN ('00000000000', '11111111111', '22222222222', '33333333333',
      '44444444444', '55555555555', '66666666666', '77777777777', '88888888888',
      '99999999999') or length(cpf) > 11) THEN
```

```
14.     RETURN FALSE;
15.   ELSE
16.     SET soma = 0;
17.     SET i=1;
18.     SET cont=10;
19.     WHILE i < 10 DO
20.       -- substring seleciona um caractere a partir de uma posição
21.       SET soma = soma+substring(cpf, i, 1)*cont;
22.       SET cont=cont-1;
23.       SET i=i+1;
24.     END WHILE;
25.     SET soma = MOD(soma*10, 11);
26.     IF soma = 10 THEN
27.       SET soma = 0;
28.     END IF;
29.     IF soma != digito_verificador1 THEN
30.       RETURN FALSE;
31.     ELSE
32.       SET soma = 0;
33.       SET i=1;
34.       SET cont=11;
35.       WHILE i < 11 DO
36.         -- substring seleciona um caracter a partir de uma posição
37.         SET soma = soma+substring(cpf, i, 1)*cont;
38.         SET cont=cont-1;
39.         SET i=i+1;
40.       END WHILE;
41.       SET soma = MOD(soma*10, 11);
42.       IF soma = 10 THEN
43.         SET soma = 0;
44.       END IF;
45.       IF soma != digito_verificador2 THEN
46.         RETURN FALSE;
47.       ELSE
48.         RETURN TRUE;
49.       END IF;
50.     END IF;
51.   END IF;
52. END$
53. DELIMITER ;
```

C.6: Procedimento armazenado que atualiza o campo saída na tabela quando o usuário sai do refeitório.

Quando o usuário sai do refeitório, esse procedimento é ativado e seu registro de Entrada/Saída (tabela **REGISTRO**) é atualizado, adicionando a Data e Hora de saída.

```
1. DELIMITER$
2. create procedure updateSaida(in registroId int)
```

```
3.  begin
4.    update registro set saida = current_timestamp() where saida is null
5.    and registro.id = registroId and date(entrada) = curdate();
6.  end$
7.  DELIMITER;
```

Chamar o procedimento updateSaida

```
8.  call updateSaida(1);
```

Deletar o procedimento

```
9.  drop procedure saidaUser;
```

C.7:   Triggers de Log de alterações na tabela usuario

usuarioLog - armazena o usuário do BD responsável pela requisição, o tipo de alteração (**Insert**, **Update**, **Delete**), a data e hora da alteração, o id do usuário que foi alterado, o nome do campo que foi alterado e os valores antes e depois da alteração, para cada campo alterado.

A procedure responsável por validar e inserir os dados em **usuarioLog** será exibida no item abaixo - **C.8**.

Trigger de Insert - Identifica inserções na tabela **usuario** e chama a procedure responsável por inserir os dados em **usuarioLog**.

```
1.  DELIMITER $
2.  create trigger triggerInsertUsuarioLog
3.  after insert on usuario for each row
4.  begin
5.    call insertDadosUsuarioLog(session_user(), "Insert",
6.      new.id,
7.      null, new.patente_id,
8.      null, new.identificacaoEscolar,
9.      null, new.nome,
10.     null, new.cpf,
11.     null, new.rg,
12.     null, new.tituloEleitoral,
13.     null, new.dataNasc,
14.     null, new.email,
15.     null, new.senha,
16.     null, new.cidade_id,
17.     null, new.endereco,
18.     null, new.telefone,
19.     null, new.sexo_id,
20.     null, new.nomePai,
```

```
21.     null, new.nomeMae
22.    );
23. end$
```

Trigger de Update - Identifica atualizações na tabela **usuario** e chama a procedure responsável por inserir os dados em **usuarioLog**.

```
24. create trigger triggerUpdateUsuarioLog
25. after update on usuario for each row
26. begin
27.    call insertDadosUsuarioLog(session_user(), "Update",
28.     old.id,
29.     old.patente_id, new.patente_id,
30.     old.identificacaoEscolar, new.identificacaoEscolar,
31.     old.nome, new.nome,
32.     old.cpf, new.cpf,
33.     old.rg, new.rg,
34.     old.tituloEleitoral, new.tituloEleitoral,
35.     old.dataNasc, new.dataNasc,
36.     old.email, new.email,
37.     old.senha, new.senha,
38.     old.cidade_id, new.cidade_id,
39.     old.endereco, new.endereco,
40.     old.telefone, new.telefone,
41.     old.sexo_id, new.sexo_id,
42.     old.nomePai, new.nomePai,
43.     old.nomeMae, new.nomeMae
44.    );
45. end$
```

#Trigger de Delete - Identifica as exclusões na tabela **usuario** e chama a procedure responsável por inserir os dados em **usuarioLog**.

```
46. create trigger triggerDeleteUsuarioLog
47. after delete on usuario for each row
48. begin
49.    call insertDadosUsuarioLog(session_user(), "Delete",
50.     old.id,
51.     old.patente_id, null,
52.     old.identificacaoEscolar, null,
53.     old.nome, null,
54.     old.cpf, null,
55.     old.rg, null,
56.     old.tituloEleitoral, null,
57.     old.dataNasc, null,
58.     old.email, null,
59.     old.senha, null,
60.     old.cidade_id, null,
61.     old.endereco, null,
62.     old.telefone, null,
```

```
63.      old.sexo_id, null,
64.      old.nomePai, null,
65.      old.nomeMae, null
66.   );
67. end$
68. DELIMITER ;
```

C.8:   Procedure que verifica e faz as inserções na tabela usuarioLog

A procedure com um sistema de decisão insere os dados em **usuarioLog** do modo correta para cada uma das formas de alteração na tabela **usuario (Insert, Delete, Update)**.

Para Inserts, o campo **valorAnterior** sempre receberá valor nulo, já para Deletes, **valorAtual** será nulo. Porém, no caso de Updates, **valorAnterior** receberá o dado antes da alteração e **valorAtual** o após a alteração.

Para Inserts e Deletes, será gerado um log para cada campo de **usuario**, já para Updates serão informados somente os campos em que os valores pré e pós atualização se diferenciarem.

```
1.   DELIMITER $
2.   create procedure insertDadosUsuarioLog(userAlteracao varchar(50),
3.     tipoAlteracao varchar(10),
4.     idUsuario int,
5.     oldPatente_id int, newPatente_id int,
6.     oldIdentificacaoEscolar bigint(16), newIdentificacaoEscolar bigint(16),
7.     oldNome varchar(60), newNome varchar(60),
8.     oldCpf bigint(11) zerofill, newCpf bigint(11) zerofill,
9.     oldRg varchar(30), newRg varchar(30),
10.    oldTituloEleitoral bigint(12) zerofill, newTituloEleitoral bigint(12) zerofill,
11.    oldDataNasc date, newDataNasc date,
12.    oldEmail varchar(40), newEmail varchar(40),
13.    oldSenha varchar(255), newSenha varchar(255),
14.    oldCidade_id int, newCidade_id int,
15.    oldEndereco varchar(60), newEndereco varchar(60),
16.    oldTelefone bigint(11), newTelefone bigint(11),
17.    oldSexo_id int, newSexo_id int,
18.    oldNomePai varchar(60), newNomePai varchar(60),
19.    oldNomeMae varchar(60), newNomeMae varchar(60))
20. begin
21.    declare dataHora datetime;
22.    set dataHora = current_timestamp();
23.    if(oldPatente_id != newPatente_id or tipoAlteracao = "Insert" or tipoAlteracao =
       "Delete") then
24.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
         idUsuario,
25.      "patente_id", oldPatente_id, newPatente_id);
26.    end if;
```

27. *if(oldIdentificacaoEscolar != newIdentificacaoEscolar or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
28. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
29. *"identificacaoEscolar", oldIdentificacaoEscolar, newIdentificacaoEscolar);*
30. *end if;*
31. *if(oldNome != newNome or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
32. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
33. *"nome", oldNome, newNome);*
34. *end if;*
35. *if(oldCpf != newCpf or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
36. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
37. *"cpf",oldCpf, newCpf);*
38. *end if;*
39. *if(oldRg != newRg or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
40. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
41. *"rg",oldRg, newRg);*
42. *end if;*
43. *if(oldTituloEleitoral != newTituloEleitoral or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
44. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
45. *"tituloEleitoral", oldTituloEleitoral, newTituloEleitoral);*
46. *end if;*
47. *if(oldDataNasc != newDataNasc or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
48. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
49. *"dataNasc", oldDataNasc, newDataNasc);*
50. *end if;*
51. *if(oldEmail != newEmail or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
52. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
53. *"email", oldEmail, newEmail);*
54. *end if;*
55. *if(oldSenha != newSenha or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
56. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
57. *"senha", oldSenha, newSenha);*
58. *end if;*
59. *if(oldCidade_id != newCidade_id or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then*
60. *insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora, idUsuario,*
61. *"cidade_id", oldCidade_id, newCidade_id);*
62. *end if;*

```
63.    if(oldEndereco != newEndereco or tipoAlteracao = "Insert" or tipoAlteracao =
       "Delete") then
64.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
       idUsuario,
65.      "endereco", oldEndereco, newEndereco);
66.    end if;
67.    if(oldTelefone != newTelefone or tipoAlteracao = "Insert" or tipoAlteracao =
       "Delete") then
68.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
       idUsuario,
69.      "telefone", oldTelefone, newTelefone);
70.    end if;
71.    if(oldSexo_id != newSexo_id or tipoAlteracao = "Insert" or tipoAlteracao = "Delete")
       then
72.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
       idUsuario,
73.      "sexo_id", oldSexo_id, newSexo_id);
74.    end if;
75.    if(oldNomePai != newNomePai or tipoAlteracao = "Insert" or tipoAlteracao =
       "Delete") then
76.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
       idUsuario,
77.      "nomePai", oldNomePai, newNomePai);
78.    end if;
79.    if(oldNomeMae != newNomeMae or tipoAlteracao = "Insert" or tipoAlteracao =
       "Delete") then
80.      insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
       idUsuario,
81.      "nomeMae", oldNomeMae, newNomeMae);
82.    end if;
83. end$
84. DELIMITER ;
```

C.9: Comando SQL de criação de usuário remoto de acesso via quaisquer IP com permissão apenas de SELECT.

Criação do usuário

```
1.    create user externo identified by 'Conex@o';
```
Dando permissão de select ao usuário

```
2.    grant select(nome, patente_id) on refeitorio.usuario to externo;
```

C.10: Stored Procedure

Stored Pocedure para calcular o valor total que uma quantidade de indivíduos com uma determinada patente pagará;

Primeiro é passado o id da patente e depois a quantidade. Logo, é mostrado o valor total.

```
1.  DELIMITER $
2.  create procedure valorTotal(in id int, in qnt int)
3.  begin
4.  declare total decimal(10,2) default 0;
5.    if id = 1 or id = 6 then
6.      set total = qnt*5.00;
7.    else if id = 4 then
8.      set total = qnt*2;
9.    end if;
10.   end if;
11.   select total as 'Valor total';
12. end $
13. DELIMITER ;
```

C.11:   View com no mínimo 3 JOINS

View para localizar alunos bolsistas, apresentando nome, cpf (padronizado), patente, sexo, telefone, endereço e localização de onde residem (cidade, estado, país).

```
C.12:   create view localizacaoBolsista as
C.13:   select u.nome, concat(substring(u.cpf, 1, 3), '.', substring(u.cpf, 4, 3), '.',
C.14:   substring(u.cpf, 7, 3), '-', substring(u.cpf, 10, 2)) as cpf,
C.15:   p.nome as patente, s.sexualidade as sexo, u.telefone, u.endereco, concat(c.nome, ", ",
C.16:   e.nome, ", ", pa.nome) as localReside
C.17:   from usuario as u
C.18:   inner join patente as p
C.19:   on u.patente_id = p.id
C.20:   inner join cidade as c
C.21:   on u.cidade_id = c.id
C.22:   inner join sexo as s
C.23:   on u.sexo_id = s.id
C.24:   inner join estado as e
C.25:   on c.estado_id = e.id
C.26:   inner join pais as pa
C.27:   on e.pais_id = pa.id
C.28:   where p.nome = 'Aluno Bolsista';
```

Select para mostrar a view.

```
C.29:   select * from localizacaoBolsista;
```

5.　　CAPÍTULO 5

5.1.　Metodologia

Fase 1

- Reunião para traçar estratégia.
- Levantamento de requisitos.
- Criação do modelo conceitual.
- Criação do modelo lógico.

Fase 2

- Escolha do SGBD.
- Implementação do banco de dados.
- Populando o banco de dados.
- Criação de consultas e modificações.

Fase 3

- Solucionando os requisitos pedidos nas orientações.
- Criação da documentação.

5.2.　Ferramentas utilizadas

As ferramentas escolhidas para o trabalho são:

- MySQL: SGBD para gerenciar o banco de dados.
- Dia: Modelagem do DER
- Adminer: Importar nosso banco para o servidor www.adrianobraga.com.br.

5.3. APÊNDICE A

A-1: Entidades

 A-1.1: usuario

Descrição: Representa as pessoas que usufruem do refeitório.

Atributos:

Id	Identificação do usuário no bd.
patente_id	Identificação da patente do usuário no bd.
identificacaoEscolar	Identificação escolar do usuário(matrícula etc).
nome	Nome completo do usuário.
cpf	Número do Cadastro de Pessoa Física do usuário.
rg	Registro Geral do usuário.
tituloEleitoral	Título eleitoral do usuário.
dataNasc	Data de nascimento do usuário.
email	E-mail do usuário.
cidade_id	Identificação da cidade do usuário.
endereco	Endereço completo do usuário.
telefone	Telefone do usuário.
sexo_id	Identificação do sexo do usuário.
nomePai	Nome completo do pai do usuário(podendo ser NULL, se o usuário for maior de idade).
nomeMae	Nome completo da mãe do usuário(podendo ser NULL, se o usuário for maior de idade).
senha	Senha do usuário.

A-1.2: sexo

Descrição: Apresenta a sexualidade do indivíduo.

Atributos:

id	Identificação da sexualidade.
sexualidade	Nome da sexualidade.

A-1.3: cartao

Descrição: Representa o cartão utilizado pelo usuário.

Atributos:

id	Identificação do cartão.
numeroCartao	Número apresentado no cartão para sua identificação.
usuario_id	Identificação do usuário portador do cartão.
valor	Valor total que o usuário possui em crédito.
validade	Apresenta a data em que o cartão expira.

A-1.4: registro

Descrição: Apresenta o registro diário de indivíduos que utilizam o refeitório.

Atributos:

id	Identificação do registro.
passe_id	Identificação do passe utilizado.
cartao_id	Identificação do cartão utilizado.
entrada	Data e horário exato da entrada do indivíduo.
saida	Data e horário exato da saída do indivíduo.

A-1.5: passe

Descrição: Representa o passe que um indivíduo pode adquirir, para fins de registro.

Atributos:

id	Identificação do passe.
dataCompra	Data e hora que o passe foi comprado.
validade	Data e hora limite para o passe expirar.

A-1.6: patente

Descrição: Apresenta as patentes.

Atributos:

id	Identificação da patente.
nome	Nome da patente(Visitante, Aluno Técnico, Servidor etc)
preco	Valor que cada patente pagará ao adentrar no refeitório.

A-1.7: cidade

Descrição: Apresenta as cidades.

Atributos:

id	Identificação da cidade.
nome	Nome da cidade.
estado_id	Identificação do estado que a cidade pertence.
ibge	Identificação da cidade no IBGE.

A-1.8: estado

Descrição: Apresenta os estados.

Atributos:

id	Identificação do estado.
nome	Nome do estado.
uf	Sigla do estado.
ibge	Identificação do estado no IBGE.
pais_id	Identificação do país que o estado pertence.
ddd	Lista de DDD's telefônicos do estado.

A-1.9: pais

Descrição: Apresenta os países.

Atributos:

id	Identificação do país.
nome	Nome do país.
nome_pt	Nome do país em portuguê brasileiro.
sigla	Sigla do país.
bacen	Código de país, pela tabela do Banco Central/IBGE.

A-1.10: usuariolog

Descrição: Salva todas as alterações feitas na tabela usuario.

Atributos:

Nome	Descrição
IdAlteracao	Identificação da alteração no bd.
userAlteracao	Identifica o usuário do bd
tipoAlteracao	Tipo de alteração que ocorrida na tabela **usuario** (insert, select, update etc).
dataHoraAlteracao	Data e hora da alteração

id_usuario	Id do usuário que sofreu alteração
campoAlterado	Nome do campo na tabela **usuario** em que ocorreu a alteração
valorAnterior	Valor pré alteração
valorAtual	Valor pós alteração

A-2:   Relacionamentos

A-2.1: Usuário possui id

Descrição: Identifica o id(chave primária no banco de dados) do usuário.

A-2.2: Usuário possui cpf

Descrição: Identifica o documento de identificação do usuário.

A-2.3: Usuário possui identificação escolar

Descrição: Identifica o documento escolar do usuário.

A-2.4: Usuário possui nome

Descrição: Identifica o nome do usuário.

A-2.5: Usuário possui rg

Descrição: Identifica o documento de identificação do usuário.

A-2.6: Usuário possui título eleitoral

Descrição: Identifica o documento de identificação do usuário.

A-2.7: Usuário possui data de nascimento

Descrição: Identifica a data de nascimento do usuário.

A-2.8: Usuário possui email

Descrição: Identifica o email do usuário.

A-2.9: Usuário possui senha

Descrição: Identificação da senha do usuário.

A-2.10: Usuário possui endereço

Descrição: Identifica o endereço do usuário

A-2.11: Usuário possui telefone

Descrição: Identifica o telefone do usuário.

A-2.12: Usuário possui nome do pai

Descrição: Identifica o pai do usuário.

A-2.13: Usuário possui nome da mãe

Descrição: Identifica a mãe do usuário.

A-2.14: Usuário possui patente

Descrição: Identifica a patente do usuário.

Atributos:

Nome	Descrição
id nome preco	Identificação da patente. Nome da patente(Visitante, Aluno Técnico, Servidor etc). Valor que cada patente pagará ao adentrar no refeitório.

A-2.15: Usuários residem em cidades

Descrição: Identifica a cidade em que os usuários residem.

Atributos:

Nome	Descrição
id nome estado_id ibge	Identificação da cidade. Nome da cidade. Identificação do estado que a cidade pertence. Identificação da cidade no IBGE.

A-2.16: Cidades pertencem a um estado

Descrição: Identifica o estado em que as cidades pertencem.

Atributos:

Nome	Descrição
id nome uf ibge pais_id ddd	Identificação do estado. Nome do estado. Sigla do estado. Identificação do estado no IBGE. Identificação do país que o estado pertence. Lista de DDD's telefônicos do estado.

A-2.17: Estados pertencem a um país

Descrição: Identifica o país em que os estados pertencem.

Atributos:

Nome	Descrição
id	Identificação do país.
nome	Nome do país.
nome_pt	Nome do país em português brasileiro.
sigla	Sigla do país.
bacen	Código de país, pela tabela do Banco Central/IBGE.

A-2.18: Usuário possui sexo

Descrição: Identifica a sexualidade do usuário.

Atributos:

Nome	Descrição
id	Identificação da sexualidade.
sexualidade	Nome da sexualidade.

A-2.19: Usuário possui cartão

Descrição: Identifica o cartão do usuário.

Atributos:

Nome	Descrição
id	Identificação do cartão.
numeroCartao	Número apresentado no cartão para sua identificação.
usuario_id	Identificação do usuário portador do cartão.
valor	Valor total que o usuário possui em crédito.
validade	Apresenta a data em que o cartão expira.

A-2.20: Cartão realiza registro/Passe realiza registro

Descrição:Identifica a realização do registro.

Atributos:

Nome	Descrição
id passe_id cartao_id entrada saida	Identificação do registro. Identificação do passe utilizado. Identificação do cartão utilizado. Data e horário exato da entrada do indivíduo. Data e horário exato da saída do indivíduo.

5.4.   APÊNDICE B

B-1:   Estruturando o Banco de Dados

B-1.1: Criando o Banco de Dados e suas Tabelas

```
1.   use adrianob_grupo12020;
2.
3.   -- 1 (Visitante), 2 (Aluno Técnico), 3 (Aluno Técnico Integrado), 4 (Aluno Graduação), 5
     (Aluno Bolsista), 6 (Servidores).
4.   create table patente(
5.     id int auto_increment,
6.     nome varchar(30) not null unique,
7.     preco decimal(4,2) not null,
8.     primary key(id)
9.   );
10.
11.  create table pais(
12.    id int(11),
13.    nome varchar(60) not null,
14.    nome_pt varchar(60),
15.    sigla varchar(2),
16.    bacen int(5) not null unique,
17.    primary key(id)
18.  );
19.
20.  create table estado(
21.    id int(11),
22.    nome varchar(75) not null,
23.    uf varchar(2) unique,
24.    ibge int(2) unique,
25.    pais_id int(11) not null,
```

```sql
26.    ddd varchar(50),
27.    primary key(id),
28.    constraint foreign key(pais_id) references pais(id)
29. );
30.
31. create table cidade(
32.    id int(11),
33.    nome varchar(120) not null,
34.    estado_id int not null,
35.    ibge int(7),
36.    primary key(id),
37.    constraint foreign key(estado_id) references estado(id)
38. );
39.
40. -- 1 (Masculino), 2 (Feminino), ... , N (Outro).
41. create table sexo(
42.    id int auto_increment,
43.    sexualidade varchar(20) not null unique,
44.    primary key(id)
45. );
46.
47. create table usuario(
48.    id int auto_increment,
49.    patente_id int not null,
50.    identificacaoEscolar bigint(16) unique,
51.    nome varchar(60) not null,
52.    cpf bigint(11) zerofill not null unique,
53.    rg varchar(30) not null,
54.    tituloEleitoral bigint(12) zerofill unique,
55.    dataNasc date not null,
56.    email varchar(40) not null unique,
57.    senha varchar(255) not null,
58.    cidade_id int not null,
59.    endereco varchar(60),
60.    telefone bigint(11),
61.    sexo_id int not null,
62.    nomePai varchar(60),
63.    nomeMae varchar(60),
64.    primary key(id),
65.    constraint foreign key(patente_id) references patente(id),
66.    constraint foreign key(cidade_id) references cidade(id),
67.    constraint foreign key(sexo_id) references sexo(id)
68. );
69.
70. create table passe(
71.    id int auto_increment,
72.    dataCompra timestamp not null,
73.    validade datetime not null,
74.    primary key(id)
75. );
76.
77. create table cartao(
```

```
78.   id int auto_increment,
79.   numeroCartao int zerofill unique not null,
80.   usuario_id int not null unique,
81.   valor decimal(10,2) not null,
82.   validade datetime not null,
83.   primary key(id),
84.   constraint foreign key(usuario_id) references usuario(id)
85. );
86.
87. create table registro(
88.   id int auto_increment,
89.   passe_id int unique,
90.   cartao_id int,
91.   entrada timestamp not null,
92.   saida timestamp null,
93.   primary key(id),
94.   constraint foreign key(passe_id) references passe(id),
95.   constraint foreign key(cartao_id) references cartao(id)
96. );
97.
98. create table usuarioLog(
99.   idAlteracao int auto_increment,
100.     userAlteracao varchar(50) not null,
101.     tipoAlteracao varchar(10) not null,
102.     dataHoraAlteracao timestamp not null,
103.     id_usuario int not null,
104.     campoAlterado varchar(20) not null,
105.     valorAnterior varchar(255),
106.     valorAtual varchar(255),
107.     primary key (idAlteracao)
108.     );
```

B-1.2: Criando Index, Views, Procedures, Functions e Triggers

```
1.   create index idx_entrada on registro (entrada);


2.   -- REGISTRO DIÁRIO
3.   create view registroDiario as select patente.nome as 'Patente', usuario.nome as
     'Usuário',
4.   date_format(registro.entrada, '%d/%m/%Y') as 'Data de Entrada',
5.   date_format(registro.saida, '%d/%m/%Y') as 'Data de Saída'
6.   from registro
7.   inner join cartao on registro.cartao_id = cartao.id
8.   left join usuario on cartao.usuario_id = usuario.id
9.   left join patente on usuario.patente_id = patente.id
10. where day(registro.entrada) = day(curdate());
11.
12.
13. -- REGISTRO MENSAL
```

```
14. create view registroMensal as select patente.nome as 'Patente', usuario.nome as
    'Usuário',
15. date_format(registro.entrada, '%d/%m/%Y') as 'Data de Entrada',
16. date_format(registro.saida, '%d/%m/%Y') as 'Data de Saída'
17. from registro
18. inner join cartao on registro.cartao_id = cartao.id
19. left join usuario on cartao.usuario_id = usuario.id
20. left join patente on usuario.patente_id = patente.id
21. where month(registro.entrada) = month(curdate());
22.
23.
24. -- REGISTRO MENSAL POR USUÁRIO
25. create view registroUserMensal as select usuario.nome as 'Usuário',
26. date_format(registro.entrada, '%d/%m/%Y') as 'Data de Entrada',
27. date_format(registro.saida, '%d/%m/%Y') as 'Data de Saída'
28. from registro
29. inner join cartao on registro.cartao_id = cartao.id
30. left join usuario on cartao.usuario_id = usuario.id where usuario.nome = 'Dinei';


31. /*View para localizar alunos bolsistas, apresentando nome, cpf
32. (padronizado), patente, sexo, telefone, endereço e localização de
33. onde reside (cidade, estado, país).*/
34. create view localizacaoBolsista as
35. select u.nome, concat(substring(u.cpf, 1, 3), '.', substring(u.cpf,
36. 4, 3), '.', substring(u.cpf, 7, 3), '-', substring(u.cpf, 10, 2)) as cpf,
37. p.nome as patente, s.sexualidade as sexo, u.telefone, u.endereco,
38. concat(c.nome, ", ", e.nome, ", ", pa.nome) as localReside
39. from usuario as u
40. inner join patente as p
41. on u.patente_id = p.id
42. inner join cidade as c
43. on u.cidade_id = c.id
44. inner join sexo as s
45. on u.sexo_id = s.id
46. inner join estado as e
47. on c.estado_id = e.id
48. inner join pais as pa
49. on e.pais_id = pa.id
50. where p.nome = 'Aluno Bolsista';


51. DELIMITER $
52. CREATE FUNCTION validaremail (email VARCHAR(40))
53. RETURNS int
54. BEGIN
55.    if email LIKE '%_@_%_.__%'
56.    AND email NOT LIKE '%_@@_%_.__%' then
57.    return true;
58.    else
59.    return false;
60. end if;
```

```
61.  END$
62.
63.  create trigger triggervalidaemail
64.  before insert on usuario for each row
65.  begin
66.     IF validaremail(new.email)=0 THEN
67.       SIGNAL SQLSTATE VALUE '45001'
68.       SET MESSAGE_TEXT = '[TABELA: USUÁRIO] - O e-mail é inválido';
69.     END IF;
70.  END$
71.  DELIMITER ;


72.  DELIMITER $
73.  CREATE FUNCTION validarcpf (cpf bigint(11) zerofill)
74.  RETURNS INT
75.  BEGIN
76.     DECLARE soma INT;
77.     DECLARE i INT;
78.     DECLARE cont int;
79.     DECLARE digito_verificador1  int(1);
80.     DECLARE digito_verificador2  int(1);
81.     SET digito_verificador1 = substring(cpf,10,1);
82.     SET digito_verificador2 = substring(cpf,11,1);
83.
84.     IF (cpf IN ('00000000000', '11111111111', '22222222222', '33333333333',
         '44444444444', '55555555555', '66666666666', '77777777777', '88888888888',
         '99999999999') or length(cpf) > 11) THEN
85.       RETURN FALSE;
86.     ELSE
87.       SET soma = 0;
88.       SET i=1;
89.       SET cont=10;
90.       WHILE i < 10 DO
91.         -- substring seleciona um caractere a partir de uma posição
92.         SET soma = soma+substring(cpf, i, 1)*cont;
93.         SET cont=cont-1;
94.         SET i=i+1;
95.       END WHILE;
96.       SET soma = MOD(soma*10, 11);
97.       IF soma = 10 THEN
98.         SET soma = 0;
99.       END IF;
100.        IF soma != digito_verificador1 THEN
101.          RETURN FALSE;
102.        ELSE
103.          SET soma = 0;
104.          SET i=1;
105.          SET cont=11;
106.          WHILE i < 11 DO
107.            -- substring seleciona um caractere a partir de uma posição
108.            SET soma = soma+substring(cpf, i, 1)*cont;
```

```
109.        SET cont=cont-1;
110.         SET i=i+1;
111.       END WHILE;
112.       SET soma = MOD(soma*10, 11);
113.       IF soma = 10 THEN
114.         SET soma = 0;
115.       END IF;
116.       IF soma != digito_verificador2 THEN
117.         RETURN FALSE;
118.       ELSE
119.         RETURN TRUE;
120.       END IF;
121.     END IF;
122.    END IF;
123.  END$
124.
125.  create trigger triggervalidacpf
126.  before insert on usuario for each row
127.  begin
128.    IF validarcpf(new.cpf)=0 THEN
129.      SIGNAL SQLSTATE VALUE '45000'
130.      SET MESSAGE_TEXT = '[TABELA: USUÁRIO] - O Cpf é inválido';
131.    END IF;
132.  END$
133.  DELIMITER ;


134.  delimiter $
135.  create procedure updateSaida(in registroId int)
136.    begin
137.      update registro set saida = current_timestamp() where saida is null and
138.      registro.id = registroId and date(entrada) = curdate();
139.    end$
140.  delimiter ;


141.  delimiter $
142.  create procedure valorTotal(in id int, in qnt int)
143.  begin
144.    declare total decimal(10,2) default 0;
145.    if id = 1 or id = 6 then
146.      set total = qnt*5.00;
147.    else if id = 4 then
148.      set total = qnt*2;
149.    end if;
150.    end if;
151.    select total as 'Valor total';
152.  end $
153.  delimiter ;


154.  DELIMITER $
```

```
155.    create procedure insertDadosUsuarioLog(userAlteracao varchar(50),
     tipoAlteracao varchar(10),
156.        idUsuario int,
157.        oldPatente_id int, newPatente_id int,
158.        oldIdentificacaoEscolar bigint(16), newIdentificacaoEscolar bigint(16),
159.        oldNome varchar(60), newNome varchar(60),
160.        oldCpf bigint(11) zerofill, newCpf bigint(11) zerofill,
161.        oldRg varchar(30), newRg varchar(30),
162.        oldTituloEleitoral bigint(12) zerofill, newTituloEleitoral bigint(12) zerofill,
163.        oldDataNasc date, newDataNasc date,
164.        oldEmail varchar(40), newEmail varchar(40),
165.        oldSenha varchar(255), newSenha varchar(255),
166.        oldCidade_id int, newCidade_id int,
167.        oldEndereco varchar(60), newEndereco varchar(60),
168.        oldTelefone bigint(11), newTelefone bigint(11),
169.        oldSexo_id int, newSexo_id int,
170.        oldNomePai varchar(60), newNomePai varchar(60),
171.        oldNomeMae varchar(60), newNomeMae varchar(60))
172.    begin
173.        declare dataHora datetime;
174.        set dataHora = current_timestamp();
175.
176.        if(oldPatente_id != newPatente_id or tipoAlteracao = "Insert" or tipoAlteracao
     = "Delete") then
177.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "patente_id", oldPatente_id, newPatente_id);
178.        end if;
179.        if(oldIdentificacaoEscolar != newIdentificacaoEscolar or tipoAlteracao = "Insert"
     or tipoAlteracao = "Delete") then
180.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "identificacaoEscolar", oldIdentificacaoEscolar, newIdentificacaoEscolar);
181.        end if;
182.        if(oldNome != newNome or tipoAlteracao = "Insert" or tipoAlteracao =
     "Delete") then
183.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "nome", oldNome, newNome);
184.        end if;
185.        if(oldCpf != newCpf or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then
186.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "cpf", oldCpf, newCpf);
187.        end if;
188.        if(oldRg != newRg or tipoAlteracao = "Insert" or tipoAlteracao = "Delete") then
189.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "rg", oldRg, newRg);
190.        end if;
191.        if(oldTituloEleitoral != newTituloEleitoral or tipoAlteracao = "Insert" or
     tipoAlteracao = "Delete") then
192.            insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
     idUsuario, "tituloEleitoral", oldTituloEleitoral, newTituloEleitoral);
193.        end if;
194.        if(oldDataNasc != newDataNasc or tipoAlteracao = "Insert" or tipoAlteracao =
     "Delete") then
```

```
195.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "dataNasc", oldDataNasc, newDataNasc);
196.     end if;
197.     if(oldEmail != newEmail or tipoAlteracao = "Insert" or tipoAlteracao = "Delete")
    then
198.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "email", oldEmail, newEmail);
199.     end if;
200.     if(oldSenha != newSenha or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
201.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "senha", oldSenha, newSenha);
202.     end if;
203.     if(oldCidade_id != newCidade_id or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
204.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "cidade_id", oldCidade_id, newCidade_id);
205.     end if;
206.     if(oldEndereco != newEndereco or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
207.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "endereco", oldEndereco, newEndereco);
208.     end if;
209.     if(oldTelefone != newTelefone or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
210.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "telefone", oldTelefone, newTelefone);
211.     end if;
212.     if(oldSexo_id != newSexo_id or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
213.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "sexo_id", oldSexo_id, newSexo_id);
214.     end if;
215.     if(oldNomePai != newNomePai or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
216.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "nomePai", oldNomePai, newNomePai);
217.     end if;
218.     if(oldNomeMae != newNomeMae or tipoAlteracao = "Insert" or tipoAlteracao =
    "Delete") then
219.        insert into usuarioLog values(null, userAlteracao, tipoAlteracao, dataHora,
    idUsuario, "nomeMae", oldNomeMae, newNomeMae);
220.     end if;
221.  end$
222.
223.  create trigger triggerInsertUsuarioLog
224.  after insert on usuario for each row
225.  begin
226.    call insertDadosUsuarioLog(session_user(), "Insert",
227.      new.id,
228.      null, new.patente_id,
229.      null, new.identificacaoEscolar,
```

```
230.        null, new.nome,
231.        null, new.cpf,
232.        null, new.rg,
233.        null, new.tituloEleitoral,
234.        null, new.dataNasc,
235.        null, new.email,
236.        null, new.senha,
237.        null, new.cidade_id,
238.        null, new.endereco,
239.        null, new.telefone,
240.        null, new.sexo_id,
241.        null, new.nomePai,
242.        null, new.nomeMae
243.      );
244.    end$
245.
246.    create trigger triggerUpdateUsuarioLog
247.    after update on usuario for each row
248.    begin
249.      call insertDadosUsuarioLog(session_user(), "Update",
250.        old.id,
251.        old.patente_id, new.patente_id,
252.        old.identificacaoEscolar, new.identificacaoEscolar,
253.        old.nome, new.nome,
254.        old.cpf, new.cpf,
255.        old.rg, new.rg,
256.        old.tituloEleitoral, new.tituloEleitoral,
257.        old.dataNasc, new.dataNasc,
258.        old.email, new.email,
259.        old.senha, new.senha,
260.        old.cidade_id, new.cidade_id,
261.        old.endereco, new.endereco,
262.        old.telefone, new.telefone,
263.        old.sexo_id, new.sexo_id,
264.        old.nomePai, new.nomePai,
265.        old.nomeMae, new.nomeMae
266.      );
267.    end$
268.
269.    create trigger triggerDeleteUsuarioLog
270.    after delete on usuario for each row
271.    begin
272.      call insertDadosUsuarioLog(session_user(), "Delete",
273.        old.id,
274.        old.patente_id, null,
275.        old.identificacaoEscolar, null,
276.        old.nome, null,
277.        old.cpf, null,
278.        old.rg, null,
279.        old.tituloEleitoral, null,
280.        old.dataNasc, null,
281.        old.email, null,
```

```
282.        old.senha, null,
283.        old.cidade_id, null,
284.        old.endereco, null,
285.        old.telefone, null,
286.        old.sexo_id, null,
287.        old.nomePai, null,
288.        old.nomeMae, null
289.      );
290.   end$
291.   DELIMITER ;
```

B-2:   Populando o Banco de Dados

B-2.1: Tabelas de cidade, estado e pais

```
1.   -- país
2.   INSERT INTO `pais` (`id`, `nome`, `nome_pt`, `sigla`, `bacen`) VALUES
3.   (1, 'Brazil', 'Brasil', 'BR', 1058),
4.   (2, 'Afghanistan', 'Afeganistão', 'AF', 132),
5.   (3, 'Albania', 'Albânia, Republica da', 'AL', 175),
6.   (4, 'Algeria', 'Argélia', 'DZ', 590),
7.   (5, 'American Samoa', 'Samoa Americana', 'AS', 6912),
8.   (6, 'Andorra', 'Andorra', 'AD', 370),
9.   (7, 'Angola', 'Angola', 'AO', 400),
10.  (8, 'Anguilla', 'Anguilla', 'AI', 418),
11.  (9, 'Antarctica', 'Antártida', 'AQ', 3596),
12.  (10, 'Antigua and Barbuda', 'Antigua e Barbuda', 'AG', 434),
13.  (11, 'Argentina', 'Argentina', 'AR', 639),
14.  (12, 'Armenia', 'Armênia, Republica da', 'AM', 647),
15.  (13, 'Aruba', 'Aruba', 'AW', 655),
16.  (14, 'Australia', 'Austrália', 'AU', 698),
17.  (15, 'Austria', 'Áustria', 'AT', 728),
18.  (16, 'Azerbaijan', 'Azerbaijão, Republica do', 'AZ', 736),
19.  (17, 'Bahamas', 'Bahamas, Ilhas', 'BS', 779),
20.  (18, 'Bahrain', 'Bahrein, Ilhas', 'BH', 809),
21.  (19, 'Bangladesh', 'Bangladesh', 'BD', 817),
22.  (20, 'Barbados', 'Barbados', 'BB', 833),
23.  (21, 'Belarus', 'Belarus, Republica da', 'BY', 850),
24.  (22, 'Belgium', 'Bélgica', 'BE', 876),
25.  (23, 'Belize', 'Belize', 'BZ', 884),
26.  (24, 'Benin', 'Benin', 'BJ', 2291),
27.  (25, 'Bermuda', 'Bermudas', 'BM', 906),
28.  (26, 'Bhutan', 'Butão', 'BT', 1198),
29.  (27, 'Bolivia', 'Bolívia', 'BO', 973),
30.  (28, 'Bosnia and Herzegowina', 'Bósnia-herzegovina (Republica da)', 'BA', 981),
31.  (29, 'Botswana', 'Botsuana', 'BW', 1015),
32.  (30, 'Bouvet Island', 'Bouvet, Ilha', 'BV', 1023),
33.  (31, 'British Indian Ocean Territory', 'Território Britânico do Oceano Indico', 'IO', 7820),
34.  (32, 'Brunei Darussalam', 'Brunei', 'BN', 1082),
35.  (33, 'Bulgaria', 'Bulgária, Republica da', 'BG', 1112),
36.  (34, 'Burkina Faso', 'Burkina Faso', 'BF', 310),
37.  (35, 'Burundi', 'Burundi', 'BI', 1155),
38.  (36, 'Cambodia', 'Camboja', 'KH', 1414),
39.  (37, 'Cameroon', 'Camarões', 'CM', 1457),
40.  (38, 'Canada', 'Canada', 'CA', 1490),
41.  (39, 'Cape Verde', 'Cabo Verde, Republica de', 'CV', 1279),
42.  (40, 'Cayman Islands', 'Cayman, Ilhas', 'KY', 1376),
43.  (41, 'Central African Republic', 'Republica Centro-Africana', 'CF', 6408),
44.  (42, 'Chad', 'Chade', 'TD', 7889),
45.  (43, 'Chile', 'Chile', 'CL', 1589),
46.  (44, 'China', 'China, Republica Popular', 'CN', 1600),
47.  (45, 'Christmas Island', 'Christmas, Ilha (Navidad)', 'CX', 5118),
```

48. (46, 'Cocos (Keeling) Islands', 'Cocos (Keeling), Ilhas', 'CC', 1651),
49. (47, 'Colombia', 'Colômbia', 'CO', 1694),
50. (48, 'Comoros', 'Comores, Ilhas', 'KM', 1732),
51. (49, 'Congo', 'Congo', 'CG', 1775),
52. (50, 'Congo, the Democratic Republic of the', 'Congo, Republica Democrática do', 'CD', 8885),
53. (51, 'Cook Islands', 'Cook, Ilhas', 'CK', 1830),
54. (52, 'Costa Rica', 'Costa Rica', 'CR', 1961),
55. (53, 'Cote d`Ivoire', 'Costa do Marfim', 'CI', 1937),
56. (54, 'Croatia (Hrvatska)', 'Croácia (Republica da)', 'HR', 1953),
57. (55, 'Cuba', 'Cuba', 'CU', 1996),
58. (56, 'Cyprus', 'Chipre', 'CY', 1635),
59. (57, 'Czech Republic', 'Tcheca, Republica', 'CZ', 7919),
60. (58, 'Denmark', 'Dinamarca', 'DK', 2321),
61. (59, 'Djibouti', 'Djibuti', 'DJ', 7838),
62. (60, 'Dominica', 'Dominica, Ilha', 'DM', 2356),
63. (61, 'Dominican Republic', 'Republica Dominicana', 'DO', 6475),
64. (62, 'East Timor', 'Timor Leste', 'TL', 7951),
65. (63, 'Ecuador', 'Equador', 'EC', 2399),
66. (64, 'Egypt', 'Egito', 'EG', 2402),
67. (65, 'El Salvador', 'El Salvador', 'SV', 6874),
68. (66, 'Equatorial Guinea', 'Guine-Equatorial', 'GQ', 3310),
69. (67, 'Eritrea', 'Eritreia', 'ER', 2437),
70. (68, 'Estonia', 'Estônia, Republica da', 'EE', 2518),
71. (69, 'Ethiopia', 'Etiópia', 'ET', 2534),
72. (70, 'Falkland Islands (Malvinas)', 'Falkland (Ilhas Malvinas)', 'FK', 2550),
73. (71, 'Faroe Islands', 'Feroe, Ilhas', 'FO', 2593),
74. (72, 'Fiji', 'Fiji', 'FJ', 8702),
75. (73, 'Finland', 'Finlândia', 'FI', 2712),
76. (74, 'France', 'Franca', 'FR', 2755),
77. (76, 'French Guiana', 'Guiana francesa', 'GF', 3255),
78. (77, 'French Polynesia', 'Polinésia Francesa', 'PF', 5991),
79. (78, 'French Southern Territories', 'Terras Austrais e Antárticas Francesas', 'TF', 3607),
80. (79, 'Gabon', 'Gabão', 'GA', 2810),
81. (80, 'Gambia', 'Gambia', 'GM', 2852),
82. (81, 'Georgia', 'Georgia, Republica da', 'GE', 2917),
83. (82, 'Germany', 'Alemanha', 'DE', 230),
84. (83, 'Ghana', 'Gana', 'GH', 2895),
85. (84, 'Gibraltar', 'Gibraltar', 'GI', 2933),
86. (85, 'Greece', 'Grécia', 'GR', 3018),
87. (86, 'Greenland', 'Groenlândia', 'GL', 3050),
88. (87, 'Grenada', 'Granada', 'GD', 2976),
89. (88, 'Guadeloupe', 'Guadalupe', 'GP', 3093),
90. (89, 'Guam', 'Guam', 'GU', 3131),
91. (90, 'Guatemala', 'Guatemala', 'GT', 3174),
92. (91, 'Guinea', 'Guine', 'GN', 3298),
93. (92, 'Guinea-Bissau', 'Guine-Bissau', 'GW', 3344),
94. (93, 'Guyana', 'Guiana', 'GY', 3379),
95. (94, 'Haiti', 'Haiti', 'HT', 3417),
96. (95, 'Heard and Mc Donald Islands', 'Ilha Heard e Ilhas McDonald', 'HM', 3603),
97. (96, 'Holy See (Vatican City State)', 'Vaticano, Estado da Cidade do', 'VA', 8486),
98. (97, 'Honduras', 'Honduras', 'HN', 3450),

99. (98, 'Hong Kong', 'Hong Kong', 'HK', 3514),
100. (99, 'Hungary', 'Hungria, Republica da', 'HU', 3557),
101. (100, 'Iceland', 'Islândia', 'IS', 3794),
102. (101, 'India', 'Índia', 'IN', 3611),
103. (102, 'Indonesia', 'Indonésia', 'ID', 3654),
104. (103, 'Iran (Islamic Republic of)', 'Ira, Republica Islâmica do', 'IR', 3727),
105. (104, 'Iraq', 'Iraque', 'IQ', 3697),
106. (105, 'Ireland', 'Irlanda', 'IE', 3751),
107. (106, 'Israel', 'Israel', 'IL', 3832),
108. (107, 'Italy', 'Itália', 'IT', 3867),
109. (108, 'Jamaica', 'Jamaica', 'JM', 3913),
110. (109, 'Japan', 'Japão', 'JP', 3999),
111. (110, 'Jordan', 'Jordânia', 'JO', 4030),
112. (111, 'Kazakhstan', 'Cazaquistão, Republica do', 'KZ', 1538),
113. (112, 'Kenya', 'Quênia', 'KE', 6238),
114. (113, 'Kiribati', 'Kiribati', 'KI', 4111),
115. (114, 'Korea, Democratic People`s Republic of', 'Coreia, Republica Popular Democrática da', 'KP', 1872),
116. (115, 'Korea, Republic of', 'Coreia, Republica da', 'KR', 1902),
117. (116, 'Kuwait', 'Kuwait', 'KW', 1988),
118. (117, 'Kyrgyzstan', 'Quirguiz, Republica', 'KG', 6254),
119. (118, 'Lao People`s Democratic Republic', 'Laos, Republica Popular Democrática do', 'LA', 4200),
120. (119, 'Latvia', 'Letônia, Republica da', 'LV', 4278),
121. (120, 'Lebanon', 'Líbano', 'LB', 4316),
122. (121, 'Lesotho', 'Lesoto', 'LS', 4260),
123. (122, 'Liberia', 'Libéria', 'LR', 4340),
124. (123, 'Libyan Arab Jamahiriya', 'Líbia', 'LY', 4383),
125. (124, 'Liechtenstein', 'Liechtenstein', 'LI', 4405),
126. (125, 'Lithuania', 'Lituânia, Republica da', 'LT', 4421),
127. (126, 'Luxembourg', 'Luxemburgo', 'LU', 4456),
128. (127, 'Macau', 'Macau', 'MO', 4472),
129. (128, 'North Macedonia', 'Macedônia do Norte', 'MK', 4499),
130. (129, 'Madagascar', 'Madagascar', 'MG', 4502),
131. (130, 'Malawi', 'Malavi', 'MW', 4588),
132. (131, 'Malaysia', 'Malásia', 'MY', 4553),
133. (132, 'Maldives', 'Maldivas', 'MV', 4618),
134. (133, 'Mali', 'Mali', 'ML', 4642),
135. (134, 'Malta', 'Malta', 'MT', 4677),
136. (135, 'Marshall Islands', 'Marshall, Ilhas', 'MH', 4766),
137. (136, 'Martinique', 'Martinica', 'MQ', 4774),
138. (137, 'Mauritania', 'Mauritânia', 'MR', 4880),
139. (138, 'Mauritius', 'Mauricio', 'MU', 4855),
140. (139, 'Mayotte', 'Mayotte (Ilhas Francesas)', 'YT', 4885),
141. (140, 'Mexico', 'México', 'MX', 4936),
142. (141, 'Micronesia, Federated States of', 'Micronesia', 'FM', 4995),
143. (142, 'Moldova, Republic of', 'Moldávia, Republica da', 'MD', 4944),
144. (143, 'Monaco', 'Mônaco', 'MC', 4952),
145. (144, 'Mongolia', 'Mongólia', 'MN', 4979),
146. (145, 'Montserrat', 'Montserrat, Ilhas', 'MS', 5010),
147. (146, 'Morocco', 'Marrocos', 'MA', 4740),
148. (147, 'Mozambique', 'Moçambique', 'MZ', 5053),

149.   (148, 'Myanmar', 'Mianmar (Birmânia)', 'MM', 930),
150.   (149, 'Namibia', 'Namíbia', 'NA', 5070),
151.   (150, 'Nauru', 'Nauru', 'NR', 5088),
152.   (151, 'Nepal', 'Nepal', 'NP', 5177),
153.   (152, 'Netherlands', 'Países Baixos (Holanda)', 'NL', 5738),
154.   (154, 'New Caledonia', 'Nova Caledonia', 'NC', 5428),
155.   (155, 'New Zealand', 'Nova Zelândia', 'NZ', 5487),
156.   (156, 'Nicaragua', 'Nicarágua', 'NI', 5215),
157.   (157, 'Niger', 'Níger', 'NE', 5258),
158.   (158, 'Nigeria', 'Nigéria', 'NG', 5282),
159.   (159, 'Niue', 'Niue, Ilha', 'NU', 5312),
160.   (160, 'Norfolk Island', 'Norfolk, Ilha', 'NF', 5355),
161.   (161, 'Northern Mariana Islands', 'Marianas do Norte', 'MP', 4723),
162.   (162, 'Norway', 'Noruega', 'NO', 5380),
163.   (163, 'Oman', 'Oma', 'OM', 5568),
164.   (164, 'Pakistan', 'Paquistão', 'PK', 5762),
165.   (165, 'Palau', 'Palau', 'PW', 5754),
166.   (166, 'Panama', 'Panamá', 'PA', 5800),
167.   (167, 'Papua New Guinea', 'Papua Nova Guine', 'PG', 5452),
168.   (168, 'Paraguay', 'Paraguai', 'PY', 5860),
169.   (169, 'Peru', 'Peru', 'PE', 5894),
170.   (170, 'Philippines', 'Filipinas', 'PH', 2674),
171.   (171, 'Pitcairn', 'Pitcairn, Ilha', 'PN', 5932),
172.   (172, 'Poland', 'Polônia, Republica da', 'PL', 6033),
173.   (173, 'Portugal', 'Portugal', 'PT', 6076),
174.   (174, 'Puerto Rico', 'Porto Rico', 'PR', 6114),
175.   (175, 'Qatar', 'Catar', 'QA', 1546),
176.   (176, 'Reunion', 'Reunião, Ilha', 'RE', 6602),
177.   (177, 'Romania', 'Romênia', 'RO', 6700),
178.   (178, 'Russian Federation', 'Rússia, Federação da', 'RU', 6769),
179.   (179, 'Rwanda', 'Ruanda', 'RW', 6750),
180.   (180, 'Saint Kitts and Nevis', 'São Cristovão e Neves, Ilhas', 'KN', 6955),
181.   (181, 'Saint LUCIA', 'Santa Lucia', 'LC', 7153),
182.   (182, 'Saint Vincent and the Grenadines', 'São Vicente e Granadinas', 'VC', 7056),
183.   (183, 'Samoa', 'Samoa', 'WS', 6904),
184.   (184, 'San Marino', 'San Marino', 'SM', 6971),
185.   (185, 'Sao Tome and Principe', 'São Tome e Príncipe, Ilhas', 'ST', 7200),
186.   (186, 'Saudi Arabia', 'Arábia Saudita', 'SA', 531),
187.   (187, 'Senegal', 'Senegal', 'SN', 7285),
188.   (188, 'Seychelles', 'Seychelles', 'SC', 7315),
189.   (189, 'Sierra Leone', 'Serra Leoa', 'SL', 7358),
190.   (190, 'Singapore', 'Cingapura', 'SG', 7412),
191.   (191, 'Slovakia (Slovak Republic)', 'Eslovaca, Republica', 'SK', 2470),
192.   (192, 'Slovenia', 'Eslovênia, Republica da', 'SI', 2461),
193.   (193, 'Solomon Islands', 'Salomão, Ilhas', 'SB', 6777),
194.   (194, 'Somalia', 'Somalia', 'SO', 7480),
195.   (195, 'South Africa', 'África do Sul', 'ZA', 7560),
196.   (196, 'South Georgia and the South Sandwich Islands', 'Ilhas Géórgia do Sul e Sandwich do Sul', 'GS', 2925),
197.   (197, 'Spain', 'Espanha', 'ES', 2453),
198.   (198, 'Sri Lanka', 'Sri Lanka', 'LK', 7501),
199.   (199, 'St. Helena', 'Santa Helena', 'SH', 7102),

200.   (200, 'St. Pierre and Miquelon', 'São Pedro e Miquelon', 'PM', 7005),
201.   (201, 'Sudan', 'Sudão', 'SD', 7595),
202.   (202, 'Suriname', 'Suriname', 'SR', 7706),
203.   (203, 'Svalbard and Jan Mayen Islands', 'Svalbard e Jan Mayen', 'SJ', 7552),
204.   (204, 'Swaziland', 'Eswatini', 'SZ', 7544),
205.   (205, 'Sweden', 'Suécia', 'SE', 7641),
206.   (206, 'Switzerland', 'Suíça', 'CH', 7676),
207.   (207, 'Syrian Arab Republic', 'Síria, Republica Árabe da', 'SY', 7447),
208.   (208, 'Taiwan, Province of China', 'Formosa (Taiwan)', 'TW', 1619),
209.   (209, 'Tajikistan', 'Tadjiquistao, Republica do', 'TJ', 7722),
210.   (210, 'Tanzania, United Republic of', 'Tanzânia, Republica Unida da', 'TZ', 7803),
211.   (211, 'Thailand', 'Tailândia', 'TH', 7765),
212.   (212, 'Togo', 'Togo', 'TG', 8001),
213.   (213, 'Tokelau', 'Toquelau, Ilhas', 'TK', 8052),
214.   (214, 'Tonga', 'Tonga', 'TO', 8109),
215.   (215, 'Trinidad and Tobago', 'Trinidad e Tobago', 'TT', 8150),
216.   (216, 'Tunisia', 'Tunísia', 'TN', 8206),
217.   (217, 'Turkey', 'Turquia', 'TR', 8273),
218.   (218, 'Turkmenistan', 'Turcomenistão, Republica do', 'TM', 8249),
219.   (219, 'Turks and Caicos Islands', 'Turcas e Caicos, Ilhas', 'TC', 8230),
220.   (220, 'Tuvalu', 'Tuvalu', 'TV', 8281),
221.   (221, 'Uganda', 'Uganda', 'UG', 8338),
222.   (222, 'Ukraine', 'Ucrânia', 'UA', 8311),
223.   (223, 'United Arab Emirates', 'Emirados Árabes Unidos', 'AE', 2445),
224.   (224, 'United Kingdom', 'Reino Unido', 'GB', 6289),
225.   (225, 'United States', 'Estados Unidos', 'US', 2496),
226.   (226, 'United States Minor Outlying Islands', 'Ilhas Menores Distantes dos Estados Unidos', 'UM', 18664),
227.   (227, 'Uruguay', 'Uruguai', 'UY', 8451),
228.   (228, 'Uzbekistan', 'Uzbequistão, Republica do', 'UZ', 8478),
229.   (229, 'Vanuatu', 'Vanuatu', 'VU', 5517),
230.   (230, 'Venezuela', 'Venezuela', 'VE', 8508),
231.   (231, 'Viet Nam', 'Vietnã', 'VN', 8583),
232.   (232, 'Virgin Islands (British)', 'Virgens, Ilhas (Britânicas)', 'VG', 8630),
233.   (233, 'Virgin Islands (U.S.)', 'Virgens, Ilhas (E.U.A.)', 'VI', 8664),
234.   (234, 'Wallis and Futuna Islands', 'Wallis e Futuna, Ilhas', 'WF', 8753),
235.   (235, 'Western Sahara', 'Saara Ocidental', 'EH', 6858),
236.   (236, 'Yemen', 'Iémen', 'YE', 3573),
237.   (237, 'Yugoslavia', 'Iugoslávia, República Fed. da', 'YU', 3883),
238.   (238, 'Zambia', 'Zâmbia', 'ZM', 8907),
239.   (239, 'Zimbabwe', 'Zimbabue', 'ZW', 6653),
240.   (240, 'Bailiwick of Guernsey', 'Guernsey, Ilha do Canal (Inclui Alderney e Sark)', 'GG', 1504),
241.   (241, 'Bailiwick of Jersey', 'Jersey, Ilha do Canal', 'JE', 1508),
242.   (243, 'Isle of Man', 'Man, Ilha de', 'IM', 3595),
243.   (246, 'Crna Gora (Montenegro)', 'Montenegro', 'ME', 4985),
244.   (247, 'SÉRVIA', 'Republika Srbija', 'RS', 7370),
245.   (248, 'Republic of South Sudan', 'Sudao do Sul', 'SS', 7600),
246.   (249, 'Zona del Canal de Panamá', 'Zona do Canal do Panamá', NULL, 8958),
247.   (252, 'Dawlat Filastin', 'Palestina', 'PS', 5780),
248.   (253, 'Åland Islands', 'Aland, Ilhas', 'AX', 153),
249.   (255, 'Curaçao', 'Curaçao', 'CW', 200),

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250.     (256, 'Saint Martin', 'São Martinho, Ilha de (Parte Holandesa)', 'SM', 6998),
251.     (258, 'Bonaire', 'Bonaire', 'AN', 990),
252.     (259, 'Antartica', 'Antartica', 'AQ', 420),
253.     (260, 'Heard Island and McDonald Islands', 'Ilha Herad e Ilhas Macdonald', 'AU',
         3433),
254.     (261, 'Saint-Barthélemy', 'São Bartolomeu', 'FR', 6939),
255.     (262, 'Saint Martin', 'São Martinho, Ilha de (Parte Francesa)', 'SM', 6980),
256.     (263, 'Terres Australes et Antarctiques Françaises', 'Terras Austrais e Antárcticas
         Francesas', 'TF', 7811);
257.
258.
259.     -- estado
260.     INSERT INTO `estado` (`id`, `nome`, `uf`, `ibge`, `pais_id`, `ddd`) VALUES
261.     (1, 'Acre', 'AC', 12, 1, '68'),
262.     (2, 'Alagoas', 'AL', 27, 1, '82'),
263.     (3, 'Amazonas', 'AM', 13, 1, '97,92'),
264.     (4, 'Amapá', 'AP', 16, 1, '96'),
265.     (5, 'Bahia', 'BA', 29, 1, '77,75,73,74,71'),
266.     (6, 'Ceará', 'CE', 23, 1, '88,85'),
267.     (7, 'Distrito Federal', 'DF', 53, 1, '61'),
268.     (8, 'Espírito Santo', 'ES', 32, 1, '28,27'),
269.     (9, 'Goiás', 'GO', 52, 1, '62,64,61'),
270.     (10, 'Maranhão', 'MA', 21, 1, '99,98'),
271.     (11, 'Minas Gerais', 'MG', 31, 1, '34,37,31,33,35,38,32'),
272.     (12, 'Mato Grosso do Sul', 'MS', 50, 1, '67'),
273.     (13, 'Mato Grosso', 'MT', 51, 1, '65,66'),
274.     (14, 'Pará', 'PA', 15, 1, '91,94,93'),
275.     (15, 'Paraíba', 'PB', 25, 1, '83'),
276.     (16, 'Pernambuco', 'PE', 26, 1, '81,87'),
277.     (17, 'Piauí', 'PI', 22, 1, '89,86'),
278.     (18, 'Paraná', 'PR', 41, 1, '43,41,42,44,45,46'),
279.     (19, 'Rio de Janeiro', 'RJ', 33, 1, '24,22,21'),
280.     (20, 'Rio Grande do Norte', 'RN', 24, 1, '84'),
281.     (21, 'Rondônia', 'RO', 11, 1, '69'),
282.     (22, 'Roraima', 'RR', 14, 1, '95'),
283.     (23, 'Rio Grande do Sul', 'RS', 43, 1, '53,54,55,51'),
284.     (24, 'Santa Catarina', 'SC', 42, 1, '47,48,49'),
285.     (25, 'Sergipe', 'SE', 28, 1, '79'),
286.     (26, 'São Paulo', 'SP', 35, 1, '11,12,13,14,15,16,17,18,19'),
287.     (27, 'Tocantins', 'TO', 17, 1, '63');
288.
289.
290.     -- cidade
291.     INSERT INTO `cidade` (`id`, `nome`, `estado_id`, `ibge`) VALUES
292.     (1, 'Afonso Cláudio', 8, 3200102),
293.     (2, 'Água Doce do Norte', 8, 3200169),
294.     (3, 'Águia Branca', 8, 3200136),
295.     (4, 'Alegre', 8, 3200201),
296.     (5, 'Alfredo Chaves', 8, 3200300),
297.     (6, 'Alto Rio Novo', 8, 3200359),
298.     (7, 'Anchieta', 8, 3200409),
299.     (8, 'Apiacá', 8, 3200508),
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300.	(9, 'Aracruz', 8, 3200607),
301.	(10, 'Atilio Vivacqua', 8, 3200706),
302.	(11, 'Baixo Guandu', 8, 3200805),
303.	(12, 'Barra de São Francisco', 8, 3200904),
304.	(13, 'Boa Esperança', 8, 3201001),
305.	(14, 'Bom Jesus do Norte', 8, 3201100),
306.	(15, 'Brejetuba', 8, 3201159),
307.	(16, 'Cachoeiro de Itapemirim', 8, 3201209),
308.	(17, 'Cariacica', 8, 3201308),
309.	(18, 'Castelo', 8, 3201407),
310.	(19, 'Colatina', 8, 3201506),
311.	(20, 'Conceição da Barra', 8, 3201605),
312.	(21, 'Conceição do Castelo', 8, 3201704),
313.	(22, 'Divino de São Lourenço', 8, 3201803),
314.	(23, 'Domingos Martins', 8, 3201902),
315.	(24, 'Dores do Rio Preto', 8, 3202009),
316.	(25, 'Ecoporanga', 8, 3202108),
317.	(26, 'Fundão', 8, 3202207),
318.	(27, 'Governador Lindenberg', 8, 3202256),
319.	(28, 'Guaçuí', 8, 3202306),
320.	(29, 'Guarapari', 8, 3202405),
321.	(30, 'Ibatiba', 8, 3202454),
322.	(31, 'Ibiraçu', 8, 3202504),
323.	(32, 'Ibitirama', 8, 3202553),
324.	(33, 'Iconha', 8, 3202603),
325.	(34, 'Irupi', 8, 3202652),
326.	(35, 'Itaguaçu', 8, 3202702),
327.	(36, 'Itapemirim', 8, 3202801),
328.	(37, 'Itarana', 8, 3202900),
329.	(38, 'Iúna', 8, 3203007),
330.	(39, 'Jaguaré', 8, 3203056),
331.	(40, 'Jerônimo Monteiro', 8, 3203106),
332.	(41, 'João Neiva', 8, 3203130),
333.	(42, 'Laranja da Terra', 8, 3203163),
334.	(43, 'Linhares', 8, 3203205),
335.	(44, 'Mantenópolis', 8, 3203304),
336.	(45, 'Marataízes', 8, 3203320),
337.	(46, 'Marechal Floriano', 8, 3203346),
338.	(47, 'Marilândia', 8, 3203353),
339.	(48, 'Mimoso do Sul', 8, 3203403),
340.	(49, 'Montanha', 8, 3203502),
341.	(50, 'Mucurici', 8, 3203601),
342.	(51, 'Muniz Freire', 8, 3203700),
343.	(52, 'Muqui', 8, 3203809),
344.	(53, 'Nova Venécia', 8, 3203908),
345.	(54, 'Pancas', 8, 3204005),
346.	(55, 'Pedro Canário', 8, 3204054),
347.	(56, 'Pinheiros', 8, 3204104),
348.	(57, 'Piúma', 8, 3204203),
349.	(58, 'Ponto Belo', 8, 3204252),
350.	(59, 'Presidente Kennedy', 8, 3204302),
351.	(60, 'Rio Bananal', 8, 3204351),

352.	(61, 'Rio Novo do Sul', 8, 3204401),
353.	(62, 'Santa Leopoldina', 8, 3204500),
354.	(63, 'Santa Maria de Jetibá', 8, 3204559),
355.	(64, 'Santa Teresa', 8, 3204609),
356.	(65, 'São Domingos do Norte', 8, 3204658),
357.	(66, 'São Gabriel da Palha', 8, 3204708),
358.	(67, 'São José do Calçado', 8, 3204807),
359.	(68, 'São Mateus', 8, 3204906),
360.	(69, 'São Roque do Canaã', 8, 3204955),
361.	(70, 'Serra', 8, 3205002),
362.	(71, 'Sooretama', 8, 3205010),
363.	(72, 'Vargem Alta', 8, 3205036),
364.	(73, 'Venda Nova do Imigrante', 8, 3205069),
365.	(74, 'Viana', 8, 3205101),
366.	(75, 'Vila Pavão', 8, 3205150),
367.	(76, 'Vila Valério', 8, 3205176),
368.	(77, 'Vila Velha', 8, 3205200),
369.	(78, 'Vitória', 8, 3205309),
370.	(79, 'Acrelândia', 1, 1200013),
371.	(80, 'Assis Brasil', 1, 1200054),
372.	(81, 'Brasiléia', 1, 1200104),
373.	(82, 'Bujari', 1, 1200138),
374.	(83, 'Capixaba', 1, 1200179),
375.	(84, 'Cruzeiro do Sul', 1, 1200203),
376.	(85, 'Epitaciolândia', 1, 1200252),
377.	(86, 'Feijó', 1, 1200302),
378.	(87, 'Jordão', 1, 1200328),
379.	(88, 'Mâncio Lima', 1, 1200336),
380.	(89, 'Manoel Urbano', 1, 1200344),
381.	(90, 'Marechal Thaumaturgo', 1, 1200351),
382.	(91, 'Plácido de Castro', 1, 1200385),
383.	(92, 'Porto Acre', 1, 1200807),
384.	(93, 'Porto Walter', 1, 1200393),
385.	(94, 'Rio Branco', 1, 1200401),
386.	(95, 'Rodrigues Alves', 1, 1200427),
387.	(96, 'Santa Rosa do Purus', 1, 1200435),
388.	(97, 'Sena Madureira', 1, 1200500),
389.	(98, 'Senador Guiomard', 1, 1200450),
390.	(99, 'Tarauacá', 1, 1200609),
391.	(100, 'Xapuri', 1, 1200708),
392.	(101, 'Água Branca', 2, 2700102),
393.	(102, 'Anadia', 2, 2700201),
394.	(103, 'Arapiraca', 2, 2700300),
395.	(104, 'Atalaia', 2, 2700409),
396.	(105, 'Barra de Santo Antônio', 2, 2700508),
397.	(106, 'Barra de São Miguel', 2, 2700607),
398.	(107, 'Batalha', 2, 2700706),
399.	(108, 'Belém', 2, 2700805),
400.	(109, 'Belo Monte', 2, 2700904),
401.	(110, 'Boca da Mata', 2, 2701001),
402.	(111, 'Branquinha', 2, 2701100),
403.	(112, 'Cacimbinhas', 2, 2701209),

404.   (113, 'Cajueiro', 2, 2701308),
405.   (114, 'Campestre', 2, 2701357),
406.   (115, 'Campo Alegre', 2, 2701407),
407.   (116, 'Campo Grande', 2, 2701506),
408.   (117, 'Canapi', 2, 2701605),
409.   (118, 'Capela', 2, 2701704),
410.   (119, 'Carneiros', 2, 2701803),
411.   (120, 'Chã Preta', 2, 2701902),
412.   (121, 'Coité do Nóia', 2, 2702009),
413.   (122, 'Colônia Leopoldina', 2, 2702108),
414.   (123, 'Coqueiro Seco', 2, 2702207),
415.   (124, 'Coruripe', 2, 2702306),
416.   (125, 'Craíbas', 2, 2702355),
417.   (126, 'Delmiro Gouveia', 2, 2702405),
418.   (127, 'Dois Riachos', 2, 2702504),
419.   (128, 'Estrela de Alagoas', 2, 2702553),
420.   (129, 'Feira Grande', 2, 2702603),
421.   (130, 'Feliz Deserto', 2, 2702702),
422.   (131, 'Flexeiras', 2, 2702801),
423.   (132, 'Girau do Ponciano', 2, 2702900),
424.   (133, 'Ibateguara', 2, 2703007),
425.   (134, 'Igaci', 2, 2703106),
426.   (135, 'Igreja Nova', 2, 2703205),
427.   (136, 'Inhapi', 2, 2703304),
428.   (137, 'Jacaré dos Homens', 2, 2703403),
429.   (138, 'Jacuípe', 2, 2703502),
430.   (139, 'Japaratinga', 2, 2703601),
431.   (140, 'Jaramataia', 2, 2703700),
432.   (141, 'Jequiá da Praia', 2, 2703759),
433.   (142, 'Joaquim Gomes', 2, 2703809),
434.   (143, 'Jundiá', 2, 2703908),
435.   (144, 'Junqueiro', 2, 2704005),
436.   (145, 'Lagoa da Canoa', 2, 2704104),
437.   (146, 'Limoeiro de Anadia', 2, 2704203),
438.   (147, 'Maceió', 2, 2704302),
439.   (148, 'Major Isidoro', 2, 2704401),
440.   (149, 'Mar Vermelho', 2, 2704906),
441.   (150, 'Maragogi', 2, 2704500),
442.   (151, 'Maravilha', 2, 2704609),
443.   (152, 'Marechal Deodoro', 2, 2704708),
444.   (153, 'Maribondo', 2, 2704807),
445.   (154, 'Mata Grande', 2, 2705002),
446.   (155, 'Matriz de Camaragibe', 2, 2705101),
447.   (156, 'Messias', 2, 2705200),
448.   (157, 'Minador do Negrão', 2, 2705309),
449.   (158, 'Monteirópolis', 2, 2705408),
450.   (159, 'Murici', 2, 2705507),
451.   (160, 'Novo Lino', 2, 2705606),
452.   (161, 'Olho d`Água das Flores', 2, 2705705),
453.   (162, 'Olho d`Água do Casado', 2, 2705804),
454.   (163, 'Olho d`Água Grande', 2, 2705903),
455.   (164, 'Olivença', 2, 2706000),

456.   (165, 'Ouro Branco', 2, 2706109),
457.   (166, 'Palestina', 2, 2706208),
458.   (167, 'Palmeira dos Índios', 2, 2706307),
459.   (168, 'Pão de Açúcar', 2, 2706406),
460.   (169, 'Pariconha', 2, 2706422),
461.   (170, 'Paripueira', 2, 2706448),
462.   (171, 'Passo de Camaragibe', 2, 2706505),
463.   (172, 'Paulo Jacinto', 2, 2706604),
464.   (173, 'Penedo', 2, 2706703),
465.   (174, 'Piaçabuçu', 2, 2706802),
466.   (175, 'Pilar', 2, 2706901),
467.   (176, 'Pindoba', 2, 2707008),
468.   (177, 'Piranhas', 2, 2707107),
469.   (178, 'Poço das Trincheiras', 2, 2707206),
470.   (179, 'Porto Calvo', 2, 2707305),
471.   (180, 'Porto de Pedras', 2, 2707404),
472.   (181, 'Porto Real do Colégio', 2, 2707503),
473.   (182, 'Quebrangulo', 2, 2707602),
474.   (183, 'Rio Largo', 2, 2707701),
475.   (184, 'Roteiro', 2, 2707800),
476.   (185, 'Santa Luzia do Norte', 2, 2707909),
477.   (186, 'Santana do Ipanema', 2, 2708006),
478.   (187, 'Santana do Mundaú', 2, 2708105),
479.   (188, 'São Brás', 2, 2708204),
480.   (189, 'São José da Laje', 2, 2708303),
481.   (190, 'São José da Tapera', 2, 2708402),
482.   (191, 'São Luís do Quitunde', 2, 2708501),
483.   (192, 'São Miguel dos Campos', 2, 2708600),
484.   (193, 'São Miguel dos Milagres', 2, 2708709),
485.   (194, 'São Sebastião', 2, 2708808),
486.   (195, 'Satuba', 2, 2708907),
487.   (196, 'Senador Rui Palmeira', 2, 2708956),
488.   (197, 'Tanque d`Arca', 2, 2709004),
489.   (198, 'Taquarana', 2, 2709103),
490.   (199, 'Teotônio Vilela', 2, 2709152),
491.   (200, 'Traipu', 2, 2709202),
492.   (201, 'União dos Palmares', 2, 2709301),
493.   (202, 'Viçosa', 2, 2709400),
494.   (203, 'Amapá', 4, 1600105),
495.   (204, 'Calçoene', 4, 1600204),
496.   (205, 'Cutias', 4, 1600212),
497.   (206, 'Ferreira Gomes', 4, 1600238),
498.   (207, 'Itaubal', 4, 1600253),
499.   (208, 'Laranjal do Jari', 4, 1600279),
500.   (209, 'Macapá', 4, 1600303),
501.   (210, 'Mazagão', 4, 1600402),
502.   (211, 'Oiapoque', 4, 1600501),
503.   (212, 'Pedra Branca do Amaparí', 4, 1600154),
504.   (213, 'Porto Grande', 4, 1600535),
505.   (214, 'Pracuúba', 4, 1600550),
506.   (215, 'Santana', 4, 1600600),
507.   (216, 'Serra do Navio', 4, 1600055),

508.   (217, 'Tartarugalzinho', 4, 1600709),
509.   (218, 'Vitória do Jari', 4, 1600808),
510.   (219, 'Alvarães', 3, 1300029),
511.   (220, 'Amaturá', 3, 1300060),
512.   (221, 'Anamã', 3, 1300086),
513.   (222, 'Anori', 3, 1300102),
514.   (223, 'Apuí', 3, 1300144),
515.   (224, 'Atalaia do Norte', 3, 1300201),
516.   (225, 'Autazes', 3, 1300300),
517.   (226, 'Barcelos', 3, 1300409),
518.   (227, 'Barreirinha', 3, 1300508),
519.   (228, 'Benjamin Constant', 3, 1300607),
520.   (229, 'Beruri', 3, 1300631),
521.   (230, 'Boa Vista do Ramos', 3, 1300680),
522.   (231, 'Boca do Acre', 3, 1300706),
523.   (232, 'Borba', 3, 1300805),
524.   (233, 'Caapiranga', 3, 1300839),
525.   (234, 'Canutama', 3, 1300904),
526.   (235, 'Carauari', 3, 1301001),
527.   (236, 'Careiro', 3, 1301100),
528.   (237, 'Careiro da Várzea', 3, 1301159),
529.   (238, 'Coari', 3, 1301209),
530.   (239, 'Codajás', 3, 1301308),
531.   (240, 'Eirunepé', 3, 1301407),
532.   (241, 'Envira', 3, 1301506),
533.   (242, 'Fonte Boa', 3, 1301605),
534.   (243, 'Guajará', 3, 1301654),
535.   (244, 'Humaitá', 3, 1301704),
536.   (245, 'Ipixuna', 3, 1301803),
537.   (246, 'Iranduba', 3, 1301852),
538.   (247, 'Itacoatiara', 3, 1301902),
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543.   (252, 'Jutaí', 3, 1302306),
544.   (253, 'Lábrea', 3, 1302405),
545.   (254, 'Manacapuru', 3, 1302504),
546.   (255, 'Manaquiri', 3, 1302553),
547.   (256, 'Manaus', 3, 1302603),
548.   (257, 'Manicoré', 3, 1302702),
549.   (258, 'Maraã', 3, 1302801),
550.   (259, 'Maués', 3, 1302900),
551.   (260, 'Nhamundá', 3, 1303007),
552.   (261, 'Nova Olinda do Norte', 3, 1303106),
553.   (262, 'Novo Airão', 3, 1303205),
554.   (263, 'Novo Aripuanã', 3, 1303304),
555.   (264, 'Parintins', 3, 1303403),
556.   (265, 'Pauini', 3, 1303502),
557.   (266, 'Presidente Figueiredo', 3, 1303536),
558.   (267, 'Rio Preto da Eva', 3, 1303569),
559.   (268, 'Santa Isabel do Rio Negro', 3, 1303601),

560.   (269, 'Santo Antônio do Içá', 3, 1303700),
561.   (270, 'São Gabriel da Cachoeira', 3, 1303809),
562.   (271, 'São Paulo de Olivença', 3, 1303908),
563.   (272, 'São Sebastião do Uatumã', 3, 1303957),
564.   (273, 'Silves', 3, 1304005),
565.   (274, 'Tabatinga', 3, 1304062),
566.   (275, 'Tapauá', 3, 1304104),
567.   (276, 'Tefé', 3, 1304203),
568.   (277, 'Tonantins', 3, 1304237),
569.   (278, 'Uarini', 3, 1304260),
570.   (279, 'Urucará', 3, 1304302),
571.   (280, 'Urucurituba', 3, 1304401),
572.   (281, 'Abaíra', 5, 2900108),
573.   (282, 'Abaré', 5, 2900207),
574.   (283, 'Acajutiba', 5, 2900306),
575.   (284, 'Adustina', 5, 2900355),
576.   (285, 'Água Fria', 5, 2900405),
577.   (286, 'Aiquara', 5, 2900603),
578.   (287, 'Alagoinhas', 5, 2900702),
579.   (288, 'Alcobaça', 5, 2900801),
580.   (289, 'Almadina', 5, 2900900),
581.   (290, 'Amargosa', 5, 2901007),
582.   (291, 'Amélia Rodrigues', 5, 2901106),
583.   (292, 'América Dourada', 5, 2901155),
584.   (293, 'Anagé', 5, 2901205),
585.   (294, 'Andaraí', 5, 2901304),
586.   (295, 'Andorinha', 5, 2901353),
587.   (296, 'Angical', 5, 2901403),
588.   (297, 'Anguera', 5, 2901502),
589.   (298, 'Antas', 5, 2901601),
590.   (299, 'Antônio Cardoso', 5, 2901700),
591.   (300, 'Antônio Gonçalves', 5, 2901809),
592.   (301, 'Aporá', 5, 2901908),
593.   (302, 'Apuarema', 5, 2901957),
594.   (303, 'Araças', 5, 2902054),
595.   (304, 'Aracatu', 5, 2902005),
596.   (305, 'Araci', 5, 2902104),
597.   (306, 'Aramari', 5, 2902203),
598.   (307, 'Arataca', 5, 2902252),
599.   (308, 'Aratuípe', 5, 2902302),
600.   (309, 'Aurelino Leal', 5, 2902401),
601.   (310, 'Baianópolis', 5, 2902500),
602.   (311, 'Baixa Grande', 5, 2902609),
603.   (312, 'Banzaê', 5, 2902658),
604.   (313, 'Barra', 5, 2902708),
605.   (314, 'Barra da Estiva', 5, 2902807),
606.   (315, 'Barra do Choça', 5, 2902906),
607.   (316, 'Barra do Mendes', 5, 2903003),
608.   (317, 'Barra do Rocha', 5, 2903102),
609.   (318, 'Barreiras', 5, 2903201),
610.   (319, 'Barro Alto', 5, 2903235),
611.   (320, 'Barro Preto (antigo Gov. Lomanto Jr.)', 5, 2903300),

612. (321, 'Barrocas', 5, 2903276),
613. (322, 'Belmonte', 5, 2903409),
614. (323, 'Belo Campo', 5, 2903508),
615. (324, 'Biritinga', 5, 2903607),
616. (325, 'Boa Nova', 5, 2903706),
617. (326, 'Boa Vista do Tupim', 5, 2903805),
618. (327, 'Bom Jesus da Lapa', 5, 2903904),
619. (328, 'Bom Jesus da Serra', 5, 2903953),
620. (329, 'Boninal', 5, 2904001),
621. (330, 'Bonito', 5, 2904050),
622. (331, 'Boquira', 5, 2904100),
623. (332, 'Botuporã', 5, 2904209),
624. (333, 'Brejões', 5, 2904308),
625. (334, 'Brejolândia', 5, 2904407),
626. (335, 'Brotas de Macaúbas', 5, 2904506),
627. (336, 'Brumado', 5, 2904605),
628. (337, 'Buerarema', 5, 2904704),
629. (338, 'Buritirama', 5, 2904753),
630. (339, 'Caatiba', 5, 2904803),
631. (340, 'Cabaceiras do Paraguaçu', 5, 2904852),
632. (341, 'Cachoeira', 5, 2904902),
633. (342, 'Caculé', 5, 2905008),
634. (343, 'Caém', 5, 2905107),
635. (344, 'Caetanos', 5, 2905156),
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5807.   (5521, 'Pedro Afonso', 27, 1716505),
5808.   (5522, 'Peixe', 27, 1716604),
5809.   (5523, 'Pequizeiro', 27, 1716653),
5810.   (5524, 'Pindorama do Tocantins', 27, 1717008),
5811.   (5525, 'Piraquê', 27, 1717206),

5812. (5526, 'Pium', 27, 1717503),
5813. (5527, 'Ponte Alta do Bom Jesus', 27, 1717800),
5814. (5528, 'Ponte Alta do Tocantins', 27, 1717909),
5815. (5529, 'Porto Alegre do Tocantins', 27, 1718006),
5816. (5530, 'Porto Nacional', 27, 1718204),
5817. (5531, 'Praia Norte', 27, 1718303),
5818. (5532, 'Presidente Kennedy', 27, 1718402),
5819. (5533, 'Pugmil', 27, 1718451),
5820. (5534, 'Recursolândia', 27, 1718501),
5821. (5535, 'Riachinho', 27, 1718550),
5822. (5536, 'Rio da Conceição', 27, 1718659),
5823. (5537, 'Rio dos Bois', 27, 1718709),
5824. (5538, 'Rio Sono', 27, 1718758),
5825. (5539, 'Sampaio', 27, 1718808),
5826. (5540, 'Sandolândia', 27, 1718840),
5827. (5541, 'Santa Fé do Araguaia', 27, 1718865),
5828. (5542, 'Santa Maria do Tocantins', 27, 1718881),
5829. (5543, 'Santa Rita do Tocantins', 27, 1718899),
5830. (5544, 'Santa Rosa do Tocantins', 27, 1718907),
5831. (5545, 'Santa Tereza do Tocantins', 27, 1719004),
5832. (5546, 'Santa Terezinha do Tocantins', 27, 1720002),
5833. (5547, 'São Bento do Tocantins', 27, 1720101),
5834. (5548, 'São Félix do Tocantins', 27, 1720150),
5835. (5549, 'São Miguel do Tocantins', 27, 1720200),
5836. (5550, 'São Salvador do Tocantins', 27, 1720259),
5837. (5551, 'São Sebastião do Tocantins', 27, 1720309),
5838. (5552, 'São Valério da Natividade', 27, 1720499),
5839. (5553, 'Silvanópolis', 27, 1720655),
5840. (5554, 'Sítio Novo do Tocantins', 27, 1720804),
5841. (5555, 'Sucupira', 27, 1720853),
5842. (5556, 'Taguatinga', 27, 1720903),
5843. (5557, 'Taipas do Tocantins', 27, 1720937),
5844. (5558, 'Talismã', 27, 1720978),
5845. (5559, 'Tocantínia', 27, 1721109),
5846. (5560, 'Tocantinópolis', 27, 1721208),
5847. (5561, 'Tupirama', 27, 1721257),
5848. (5562, 'Tupiratins', 27, 1721307),
5849. (5563, 'Wanderlândia', 27, 1722081),
5850. (5564, 'Xambioá', 27, 1722107),
5851. (5575, 'Gama', 7, 5300108),
5852. (5576, 'Taguatinga', 7, 5300108),
5853. (5577, 'Brazlândia', 7, 5300108),
5854. (5578, 'Sobradinho', 7, 5300108),
5855. (5579, 'Planaltina', 7, 5300108),
5856. (5580, 'Paranoá', 7, 5300108),
5857. (5581, 'Núcleo Bandeirante', 7, 5300108),
5858. (5582, 'Ceilândia', 7, 5300108),
5859. (5583, 'Guará', 7, 5300108),
5860. (5584, 'Cruzeiro', 7, 5300108),
5861. (5585, 'Samambaia', 7, 5300108),
5862. (5586, 'Santa Maria', 7, 5300108),
5863. (5587, 'São Sebastião', 7, 5300108),

```
5864.    (5589, 'Lago Sul', 7, 5300108),
5865.    (5590, 'Riacho Fundo', 7, 5300108),
5866.    (5591, 'Lago Norte', 7, 5300108),
5867.    (5592, 'Candangolândia', 7, 5300108),
5868.    (5593, 'Águas Claras', 7, 5300108),
5869.    (5594, 'Riacho Fundo II', 7, 5300108),
5870.    (5595, 'Sudoeste/Octogonal', 7, 5300108),
5871.    (5596, 'Varjão', 7, 5300108),
5872.    (5597, 'Park Way', 7, 5300108),
5873.    (5598, 'SCIA', 7, 5300108),
5874.    (5599, 'Sobradinho II', 7, 5300108),
5875.    (5601, 'Itapoã', 7, 5300108),
5876.    (5602, 'SIA', 7, 5300108),
5877.    (5603, 'Vicente Pires', 7, 5300108),
5878.    (5604, 'Fercal', 7, 5300108),
5879.    (5574, 'Recanto das Emas', 7, 5300108),
5880.    (5600, 'Jardim Botânico', 7, 5300108),
5881.    (5605, 'Nazária', 17, 2206720),
5882.    (5606, 'Paraíso das Águas', 12, 5006275),
5883.    (5607, 'Pinto Bandeira', 23, 4314548),
5884.    (5608, 'Balneário Rincão', 24, 4220000),
5885.    (5609, 'Pescaria Brava', 24, 4212650);
```

B-2.2: Populando a Tabela de patente

```
5886.    insert into patente values(1, 'Visitante', 5.00);
5887.    insert into patente values(2, 'Aluno Técnico', 0);
5888.    insert into patente values(3, 'Aluno Técnico Integrado', 0);
5889.    insert into patente values(4, 'Aluno Graduação', 2.00);
5890.    insert into patente values(5, 'Aluno Bolsista', 0);
5891.    insert into patente values(6, 'Servidor', 5.00);
```

B-2.3: Populando a Tabela de sexo

```
5892.    insert into sexo values(1, 'Masculino');
5893.    insert into sexo values(2, 'Feminino');
5894.    insert into sexo values(3, 'Outro');
```

B-2.4: Populando a Tabela de usuario

5895. *insert into usuario values(null,5,2019193219320290,'Maria Cláudia Betânia',45884387199,'2389198',12445678914,'2008-11-07','Chamoriks@gmail.com',md5(sha1('1234')),1,'Rua Maria - num 02',62991325311,2,'João Silo','Maria do Silo');*

5896. *insert into usuario values(null,1,2010103210320200,'Dinei',34377261886,'2389198',12345678911,'2000-11-07','Chamanoriks1@gmail.com',md5(sha1('123456')),2,'Rua Maria - num 02',62991325311,1,'João Silva','Maria da Silva');*

5897. *insert into usuario values(null,1,2019103211320210,'Dinei',22183968907,'2389198',02395678910,'2000-11-07','Chaanoriks22@gmail.com',md5(sha1('minhasenha123')),1,'Rua Maria - num 02',62991325312,1,'João Silva','Maria da Silva');*

5898. *insert into usuario values(null,3,2019103211309111,'Glaydson',16245332486,'0987654',12345678909,'2000-05-09','deedpool007@gmail.com',md5(sha1('senha32100')),3,'Rua k - num 05',62992345674,1,'Ricardo Alencar','Josefina Neves');*

5899. *insert into usuario values(null,4,201913211301234,'Josimar Kleiton Félix',18289429797 ,'1234502', 986422211 ,'2000-01-09','asdked@gmail.com',md5(sha1('111222333')),4,'Rua q - num 04',62992345223,1,'Miguel','Simone');*

5900. *insert into usuario values(null,1,2019103211309222,'Pablo Cezar Filho', 32356447504, '1234503' , 982782232 ,'2000-02-03','vingadores231@gmail.com',md5(sha1('robertateamo')),5,'Rua 1 - num 01',62992235678,1,'Lucas','Frida');*

5901. *insert into usuario values(null,6,20191032,'Yohana Alves', 22357122668 , '1234526' , 982321264,'1997-02-23','yohanalee@gmail.com',md5(sha1('pescandonolaguinho')),6,'Rua 55 - num 011',62992235678,3,'Guilherme','Marie');*

5902. *insert into usuario values(null,3,2019103211309221,'Bruna Antoniele' , 28485626508, '1234529', 992318723,'2000-03-22','bruna007@gmail.com',md5(sha1('12345678')),7,'Rua 23 - num 03',62992345123,1,'Gabriel','Amelia');*

5903. *insert into usuario values(null,4,2019103211309332,'Natanael',34524449299,'8766789',67890987654,'1999-04-21','natantanelgatao@gmail.com',md5(sha1('vinteedoiseum')),1,'Rua k - num 02',62992334678,1,'Gabriel','Margaret');*

5904. *insert into usuario values(null,1,2019103211301232,'Maria Cláudia Betânia', 11674322232, '1234501', 993453212,'1999-02-03','deedl107@gmail.com',md5(sha1('22e1')),8,'Rua neshiville - num 231',6299234321,2,'Arthur','Valentina');*

5905. *insert into usuario values(null,1,2019103211309876,'Adryan',91335178430,'0987865',78909876543,'2000-03-08','182hh281@gmail.com',md5(sha1('182hh281')),17,'Rua bozo - num 321',62993325678,1,'Enzo','Komako');*

5906. *insert into usuario values(null,2,2019103211301234,'Maria eduarda',93793642100,'1232344',89098765432,'2000-01-09','mariadu22@gmail.com',md5(sha1('100porcentojesus')),15,'Rua fantatisc - num 332',62991235678,2,'Rafael','Rosa');*

5907. *insert into usuario values(null,5,2011103211301211,'Jeniffer',61327834820,'4443332',76555432345,'20*

00-06-09','jeniffergomes11@gmail.com',md5(sha1('1234')),18,'Rua k - num 222',6299112678,2,'João','Nadia');

5908. insert into usuario values(null,2,2018103211301234,'Flaustino de Lá', 24297536420 , '1234531' , 992123211 ,'2000-05-14','flaus0987@gmail.com',md5(sha1('flaustinodek')),2,'Rua alfredo de sousa - num 123',62992233123,1,'Gustavo','Joana');

5909. insert into usuario values(null,4,2019103211301122,'Claudino Parreira', 24254785402 , '1234533', 982123322,'1995-06-18','claudinobrazil123@gmail.com',md5(sha1('98765432100')), 42,'Rua g - num 121',62993245678,1,'Pedro','Dandara');

5910. insert into usuario values(null,5,2019103211302233,'Victor',56377988265,'7778886',12343212345,'199 6-07-19','vuctoeleo921@gmail.com',md5(sha1('19071996')),17,'Rua w - num 301',62992342234,1,'Bernardo','Mary');

5911. insert into usuario values(null,3,2019103211301121,'Tales',69687317388,'9876543',45678909876,'1997 -03-12','amantedelas882@gmail.com',md5(sha1('soulindodemais')),12,'Rua a - num 201',62992123428,1,'Matheus','Anita');

5912. insert into usuario values(null,1,2019103211303345,'Yuri',42359216228,'3456789',45434543212,'2000- 04-23','yuri.kwy@gmail.com',md5(sha1('melhorsenha321')),9,'Rua 3 - num 01',62992765432,2,'Davi','Eleanor');

5913. insert into usuario values(null,2,2019103211305542,'Weslley Eduardo da Silva', 62766283951 , '1234547', 988882211 ,'2000-08-25','vinicusdepaula12@gmail.com',md5(sha1('semsenha')),8,'Rua k - num 101',62992234567,1,'Heitor','Helen');

5914. insert into usuario values(null,6,20191033,'Carla',81961843366,'5678976',87654567890,'2000-07-30','c arlinhalinda@gmail.com',md5(sha1('lindinha2000')),5,'Rua 5 - num 311',62992349808,2,'Henrique','Virginia');

5915. insert into usuario values(null,3,2019103211300098,'Natalia',81512613584,'9876789',23131415161,'20 00-08-11','eusouanatalia@gmail.com',md5(sha1('senhadanatalia')),939,'Rua a34 - num 0345',62992121223,2,'Bruno','Maria');

5916. insert into usuario values(null,6,20191034,'Debora',45275835574,'5436786',24354657687,'1999-09-009 ','gostdepicole@gmail.com',md5(sha1('picoledeshacolate')),3,'Rua joao marinho de souza - num 033',62992123345,2,'Samuel','Catarina');

5917. insert into usuario values(null,4,2017103211305542,'Isabela',55795742821,'4565678',58678909876,'19 99-05-07','eunaosounerd@gmail.com',md5(sha1('drenuosoanue')),2,'Rua e - num 015',62992224466,2,'Felipe','Angela');

5918. insert into usuario values(null,5,2017103211309805,'Geovana',96642952138,'5678907',33442265787,'1 998-04-28','geovanaedeus@gmail.com',md5(sha1('nada100jesus')),1,'Rua a - num 011',62992343456,2,'Lorenzo','Laura');

5919. insert into usuario values(null,1,2018103211309876,'Marcos',78743821294,'5436789',11223344556,'19 99-04-29','eusoumarcos@gmail.com',md5(sha1('pedrapapeltesoura')),4,'Rua kkkkkk - num 013',62992334567,1,'Benjamim','Ana');

5920. insert into usuario values(null,2,2019103211300987,'Glaydson Flaustino', 45142722566, '1234550' , 988229966

,'2001-06-16','glaydson123@gmail.com',md5(sha1('1648921jso251')),6,'Rua k - num 033',62992345345,1,'Rodrigo','Mariana');

5921. insert into usuario values(null,1,2019103213320200,'Rose Quartz',58944577188,'0000009',199999999850,'2000-03-15','rose.quartz@quartz.com',md5(sha1('referenciadeSU')),35,'Rua Jaracatiá - num 01', 62984566325,3,'Yellow Diamond','Blue Diamond');

5922. insert into usuario values(null,3,2016103213320240,'Samanta Oliveira Bernardes',59634912150,'0000008',199999999340,'1964-06-16','samanta.oliveira@gmail.com',md5(sha1('789456123')),11,'Rua das Pérolas - num 28', 62984566825,2,'Marcos Aurélio','Teresa Cristina');

5923. insert into usuario values(null,1,2016103213300240,'Vania Rocha Fernandes',11513493302,'1110008',852999999340,'1968-01-01','vania.rocha@gmail.com',md5(sha1('duracomopedra')),6,'Rua da Fragata - num 56', 62974566825,2,'Rubéns Alves','Márcia Teixeira');

5924. insert into usuario values(null,4,2010103213320240,'Ricardo Alves Bernado',34895739350,'1120008',852999099380,'1980-12-01','ricardo.bernado@gmail.com',md5(sha1('bernardoricardo')),2,'Rua 09 - num 38', 61984566825,1,'Pedro Peixoto','Maria Rita');

5925. insert into usuario values(null,6,20001035,'Guilherme Henrique Camargo',59149148176,'1137008',852099999380,'1970-12-01','guilherme.henrique@gmail.com',md5(sha1('abcdefg')),1,'Rua 06 - num 38', 61064566825,1,'Marcelo Coelho','Monica Brainner');

5926. insert into usuario values(null,1,1999103413320240,'José de Almeida',45477127350,'1125908',852098889380,'1990-07-01','jose.almeida@gmail.com',md5(sha1('almeidabrabo')),3,'Rua da Samambaia - num 08', 52064566825,1,'Rodrigo Cintra','Maria Augusta');

5927. insert into usuario values(null,2,1999103466620240,'Paulo Ricardo',73459949961,'1269081',852908889380,'1995-03-27','paulo.ricardo@gmail.com',md5(sha1('4891ash2a1')),4,'Rua da Barbacena - num 23', 96064566825,1,'Rodrigo Faro','Rebecca Sugar');

5928. insert into usuario values(null,3,1999203466620240,'Lucas Silva',83932879520,'1126838',852908898080,'1996-03-27','lucas.silva@gmail.com',md5(sha1('ls270396')),944,'Rua da Ipanema - num 17', 00164566825,1,'Pedro Paulo','Carol Azevedo');

5929. insert into usuario values(null,1,1999223466620240,'Billie Eilish',94927878490,'1106848',852908708080,'1999-03-27','billie.eilish@gmail.com',md5(sha1('imbadguy')),25,'Rua das Pedras - num 20', 00103566425,2,'Augusto de Oliveira','Cinthya Azevedo');

5930. insert into usuario values(null,5,1999223466620204,'James Parter',44998231618,'1106890',852908708770,'1985-03-01','james.parter@gmail.com',md5(sha1('010385jp')),3,'Rua Presidente Vargas - num 08', 12103566425,1,'Machado de Assis','Angelica Macedo');

5931. insert into usuario values(null,4,1999223455520204,'Gean André',19954296514,'1188890',852918708770,'1990-03-01','gean.andre@gmail.com',md5(sha1('amominhafamilia')),1,'Avenida Presidente Vargas - num 66', 02103541425,1,'Aurélio Oliveira','Marcelina Mendes');

5932. insert into usuario values(null,1,1999223454720204,'Alana Andrade',64214456599,'1188791',825917708770,'2000-07-28','alana.andrade@gmail.com',md5(sha1('bixodepe123')),1,'Avenida Bernardo Sayão - num 88', 05103542425,2,'Vinicius de Moraes','Barbara Novais');

5933. insert into usuario values(null,4,9999223454720204,'Antonio Marcio',82135428604,'1238791',987917708770,'1950-10-16','antonio.marcio@gmail

.com',md5(sha1('ceciliaediogo')),1,'Avenida Bernardo Sayão - num 404', 55103542425,1,'Adalto Moreira','Aparecida Dias');

5934.   insert into usuario values(null,1,0099223454720204,'Luciana Geralda Marciano',93659989568,'3218791',789917708770,'1970-02-02','luciana.marciano@ gmail.com',md5(sha1('02021970')),1,'Avenida Bernardo Sayão - num 204', 66103542425,2,'Rafael Alves','Patricia de Azevedo');

5935.   insert into usuario values(null,4,1111113454720204,'Steven Quartz Universe',54296639560,'6548791',456917708770,'2004-02-16','steven.quartz@gmail .com',md5(sha1('12345678')),36,'Rua 03 - num 64', 11111142425,3,'Greg Universe','Rose Quartz');

5936.   insert into usuario values(null,3,1199223454720204,'Clarice Lispector',56768992201,'6696791',666917708770,'1960-07-02','clarice.lispector@gm ail.com',md5(sha1('0102030405')),10,'Rua Maricá - num 04', 66303542425,2,'Pedro Pessoa','Patricia Mesquita');

5937.   insert into usuario values(null,1,7749223454720204,'Dilma Roussef',73552579605,'3366791',336917708770,'1965-04-02','dilma.roussef@gmail. com',md5(sha1('dilmae2014')),13,'Rua das Pérolas - num 82', 77403542425,2,'Marcio Teixeira','Rafaela Marques');

5938.   insert into usuario values(null,2,7749223454720664,'Luiz Inácio da Silva',68823327113,'3366654',336917708654,'1900-04-06','luladrao@gmail.com',md 5(sha1('rouboumeucoracao')),13,'Rua das Pérolas - num 83', 77403542996,1,'Sebastião Borges','Isabela Siqueira');

5939.   insert into usuario values(null,3,7749299754720664,'Allan Kelvi',79463719776,'0046654',307117708654,'1994-04-19','allan.kelvi@gmail.com', md5(sha1('kelvin2020')),2,'Rua 05 - num 60', 79973542996,1,'Aluísio Peixoto','Loren Siqueira');

5940.   insert into usuario values(null,3,7749299704720664,'Mario Prado',25212739705,'8526654',852117708654,'1994-04-20','mario.prado@gmail.co m',md5(sha1('umdoistresquatro')),4,'Rua 05 - num 61', 79973542996,1,'Marcos Silva','Lorena Siqueira');

5941.   insert into usuario values(null,2,7666299754720664,'Andre Marques',82622475152,'2216654',852112218654,'1950-04-20','andre.marques@gm ail.com',md5(sha1('deumaoito')),3,'Rua 06 - num 30', 79966642996,1,'Arthur Azevedo','Monike Moura');

5942.   insert into usuario values(null,4,7666299754000664,'Rafaela Nazareno',17974784601,'2660654',852166018654,'1990-04-20','rafaela.nazareno@g mail.com',md5(sha1('de1a8')),3,'Rua 07 - num 30', 79000642996,2,'Alberto Duarte','Marta Pereira');

5943.   insert into usuario values(null,2,7743723454720204,'Lady Gaga',31444179985,'3366791',336913308770,'1991-04-15','lady.gaga@gmail.com', md5(sha1('roupadecarneehmoda')),3,'Rua 13 - num 70', 77403537425,2,'Rick Grimes','Maggie Fregley');

5944.   insert into usuario values(null,3,7666299754110664,'Fausto Silva',51485227984,'2660614',850016018654,'1986-04-20','fausto.silva@gmail.com', md5(sha1('vocedestruiumeuovo')),1,'Rua 10 - num 32', 79110642996,1,'Fabio Duarte','Isis Teixeira');

5945.   insert into usuario values(null,2,7336299333660664,'Aparecida Barros',29747167921,'2677754',852177718654,'1995-04-26','aparecida.barros@gm ail.com',md5(sha1('26041995')),2,'Rua 08 - num 66', 79330642996,2,'Juliano Duarte','Eduardo Pereira');

5946.   insert into usuario values(null,1,7343723434720234,'Travis scout',86578665285,'3966291',436943348770,'1991-07-15','1234gaga@gmail.com', md5(sha1('juliana')),22,'Rua 13 - num 70', 77403537425,1,'Marcos','João');

5947.   insert into usuario values(null,3,7688299754144664,'João Victor',41254548840,'2260610',854416088454,'1986-04-26','jovibirl@gmail.com',md 5(sha1('197384265')),2,'Rua 10 - num 32', 79110642996,1,'Fabia','Isis');

5948.   insert into usuario values(null,4,7611299333110664,'Maria Aparecida',48777917871,'9678754',452174418654,'1985-07-07','aparecidamaria123 @gmail.com',md5(sha1('mariaparecida321')),1,'Rua 08 - num 66', 79330642996,2,'Julian','Eduardo');

B-2.5: Populando a Tabela de cartao

5949.   insert into cartao values(null,201800001,5,0,'2019-06-12 12:43:07');
5950.   insert into cartao values(null,201800002,6,0,'2019-09-23 11:02:35');
5951.   insert into cartao values(null,201800003,7,0,'2019-10-06 12:18:03');
5952.   insert into cartao values(null,201900001,10,0,'2020-11-10 11:57:22');
5953.   insert into cartao values(null,201900002,11,0,'2020-11-02 11:18:12');
5954.   insert into cartao values(null,201900003,12,0,'2020-11-13 11:48:06');
5955.   insert into cartao values(null,201900004,13,0,'2020-11-13 11:44:37');
5956.   insert into cartao values(null,202000001,26,0,'2021-03-12 11:37:02');
5957.   insert into cartao values(null,202000002,27,0,'2021-03-12 11:40:17');
5958.   insert into cartao values(null,202000003,28,0,'2021-03-12 11:42:43');
5959.   insert into cartao values(null,202000004,29,0,'2021-03-12 11:37:02');
5960.   insert into cartao values(null,202000005,30,0,'2021-03-12 12:12:49');
5961.   insert into cartao values(null,202000006,31,0,'2021-03-16 12:02:05');
5962.   insert into cartao values(null,202000007,32,0,'2021-03-16 11:41:12');
5963.   insert into cartao values(null,202000008,33,0,'2021-03-17 12:30:24');
5964.   insert into cartao values(null,202000009,34,0,'2021-03-20 11:31:02');
5965.   insert into cartao values(null,202000010,41,0,'2021-06-20 11:12:26');
5966.   insert into cartao values(null,202000011,44,0,'2021-06-21 11:57:07');
5967.   insert into cartao values(null,202000012,45,0,'2021-07-01 11:10:20');
5968.   insert into cartao values(null,202000013,49,0,'2021-08-04 12:19:53');
5969.   insert into cartao values(null,202000014,50,0,'2021-09-12 12:43:07');
5970.   insert into cartao values(null,202000015,51,0,'2021-10-23 11:02:35');
5971.   insert into cartao values(null,202000016,53,0,'2021-10-26 12:18:03');

B-2.6: Populando a Tabela de passe

5972.   insert into passe values(null,'2018-02-09 11:30:07','2019-02-09 11:30:07');
5973.   insert into passe values(null,'2019-06-23 11:15:21','2020-06-23 11:15:21');
5974.   insert into passe values(null,'2019-08-24 12:33:55','2020-08-24 12:33:55');
5975.   insert into passe values(null,'2019-10-24 11:18:46','2020-10-24 11:18:46');
5976.   insert into passe values(null,'2020-03-25 11:36:57','2021-03-25 11:36:57');

5977. *insert into passe values(null,'2020-03-25 11:47:03','2021-03-25 11:47:03');*
5978. *insert into passe values(null,'2020-03-26 11:06:33','2021-03-26 11:06:33');*
5979. *insert into passe values(null,'2020-03-27 11:10:56','2021-03-27 11:10:56');*
5980. *insert into passe values(null,'2020-04-18 11:19:11','2021-04-18 11:19:11');*
5981. *insert into passe values(null,'2020-04-18 11:36:57','2021-04-18 11:36:57');*
5982. *insert into passe values(null,'2020-04-22 12:47:03','2021-04-22 12:47:03');*
5983. *insert into passe values(null,'2020-04-22 11:09:21','2021-04-22 11:09:21');*
5984. *insert into passe values(null,'2020-04-23 11:34:51','2021-04-23 11:34:51');*
5985. *insert into passe values(null,'2020-04-24 12:19:23','2021-04-24 12:19:23');*

B-2.7: Populando a Tabela de registro

5986. *insert into registro values(null,4,null,'2020-03-25 11:02:23','2020-03-25 11:14:02');*
5987. *insert into registro values(null,null,4,'2020-03-25 11:02:27','2020-03-25 11:14:11');*
5988. *insert into registro values(null,null,5,'2020-03-25 11:02:32','2020-03-25 11:12:16');*
5989. *insert into registro values(null,null,6,'2020-03-25 11:02:39','2020-03-25 11:10:29');*
5990. *insert into registro values(null,null,7,'2020-03-25 11:02:46','2020-03-25 11:16:45');*
5991. *insert into registro values(null,null,8,'2020-03-25 11:02:53','2020-03-25 11:13:09');*
5992. *insert into registro values(null,null,9,'2020-03-25 11:03:05','2020-03-25 11:11:04');*
5993. *insert into registro values(null,null,10,'2020-03-25 11:05:23','2020-03-25 11:13:16');*
5994. *insert into registro values(null,null,11,'2020-03-25 11:05:45','2020-03-25 11:16:35');*
5995. *insert into registro values(null,null,12,'2020-03-25 11:08:28','2020-03-25 11:21:29');*
5996. *insert into registro values(null,null,13,'2020-03-25 11:08:52','2020-03-25 11:19:42');*
5997. *insert into registro values(null,5,null,'2020-03-25 11:49:48','2020-03-25 11:58:53');*
5998. *insert into registro values(null,null,14,'2020-03-25 11:49:53','2020-03-25 11:58:01');*
5999. *insert into registro values(null,null,15,'2020-03-25 11:53:12','2020-03-25 11:59:53');*
6000. *insert into registro values(null,null,16,'2020-03-25 11:53:48','2020-03-25 12:01:27');*
6001. *insert into registro values(null,null,17,'2020-03-25 12:06:12','2020-03-25 12:15:41');*
6002. *insert into registro values(null,null,18,'2020-03-25 12:06:19','2020-03-25 12:14:10');*
6003. *insert into registro values(null,null,19,'2020-03-25 12:06:26','2020-03-25 12:16:08');*

6004. *insert into registro values(null,null,20,'2020-03-25 12:06:35','2020-03-25 12:15:42');*

6005. *insert into registro values(null,6,null,'2020-03-25 12:06:45','2020-03-25 12:14:39');*

6006. *insert into registro values(null,null,21,'2020-03-25 12:08:14','2020-03-25 12:17:26');*

6007. *insert into registro values(null,null,22,'2020-03-25 12:09:25','2020-03-25 12:18:12');*

6008. *insert into registro values(null,null,23,'2020-03-25 12:10:19','2020-03-25 12:26:54');*

6009. *insert into registro values(null,null,4,'2020-03-26 11:02:24','2020-03-26 11:11:24');*

6010. *insert into registro values(null,null,5,'2020-03-26 11:05:46','2020-03-26 11:13:15');*

6011. *insert into registro values(null,null,6,'2020-03-26 11:13:54','2020-03-26 11:28:52');*

6012. *insert into registro values(null,null,7,'2020-03-26 11:20:10','2020-03-26 11:32:26');*

6013. *insert into registro values(null,null,8,'2020-03-26 11:23:33','2020-03-26 11:28:42');*

6014. *insert into registro values(null,null,9,'2020-03-26 11:24:55','2020-03-26 11:34:34');*

6015. *insert into registro values(null,null,10,'2020-03-26 11:33:51','2020-03-26 11:48:52');*

6016. *insert into registro values(null,null,11,'2020-03-26 11:40:59','2020-03-26 11:51:02');*

6017. *insert into registro values(null,null,12,'2020-03-26 11:48:12','2020-03-26 11:57:46');*

6018. *insert into registro values(null,null,13,'2020-03-26 11:51:34','2020-03-26 12:06:05');*

6019. *insert into registro values(null,null,14,'2020-03-26 11:52:47','2020-03-26 12:05:58');*

6020. *insert into registro values(null,null,15,'2020-03-26 11:59:53','2020-03-26 12:09:29');*

6021. *insert into registro values(null,null,16,'2020-03-26 12:04:59','2020-03-26 12:09:25');*

6022. *insert into registro values(null,null,17,'2020-03-26 12:05:48','2020-03-26 12:11:47');*

6023. *insert into registro values(null,null,18,'2020-03-26 12:09:57','2020-03-26 12:23:40');*

6024. *insert into registro values(null,null,19,'2020-03-26 12:11:29','2020-03-26 12:21:39');*

6025. *insert into registro values(null,null,20,'2020-03-26 12:12:49','2020-03-26 12:23:04');*

6026. *insert into registro values(null,null,21,'2020-03-26 12:15:58','2020-03-26 12:28:15');*

6027. *insert into registro values(null,null,22,'2020-03-26 12:23:38','2020-03-26 12:34:10');*

6028. *insert into registro values(null,null,23,'2020-03-26 12:27:49','2020-03-26 12:35:49');*

6029. *insert into registro values(null,null,4,'2020-03-27 11:01:28','2020-03-27 11:13:36');*

6030. insert into registro values(null,null,5,'2020-03-27 11:03:57','2020-03-27 11:15:09');

6031. insert into registro values(null,null,6,'2020-03-27 11:06:53','2020-03-27 11:14:49');

6032. insert into registro values(null,null,7,'2020-03-27 11:07:59','2020-03-27 11:15:39');

6033. insert into registro values(null,null,8,'2020-03-27 11:08:34','2020-03-27 11:13:15');

6034. insert into registro values(null,null,9,'2020-03-27 11:10:47','2020-03-27 11:19:03');

6035. insert into registro values(null,null,10,'2020-03-27 11:15:55','2020-03-27 11:30:29');

6036. insert into registro values(null,null,11,'2020-03-27 11:16:31','2020-03-27 11:23:24');

6037. insert into registro values(null,null,12,'2020-03-27 11:22:47','2020-03-27 11:31:48');

6038. insert into registro values(null,null,13,'2020-03-27 11:26:56','2020-03-27 11:37:43');

6039. insert into registro values(null,null,14,'2020-03-27 11:31:05','2020-03-27 11:43:28');

6040. insert into registro values(null,null,15,'2020-03-27 11:34:40','2020-03-27 11:40:41');

6041. insert into registro values(null,null,16,'2020-03-27 11:37:59','2020-03-27 11:46:13');

6042. insert into registro values(null,null,17,'2020-03-27 11:41:03','2020-03-27 11:52:31');

6043. insert into registro values(null,null,18,'2020-03-27 11:44:51','2020-03-27 11:49:32');

6044. insert into registro values(null,null,19,'2020-03-27 11:49:58','2020-03-27 11:54:26');

6045. insert into registro values(null,null,20,'2020-03-27 11:51:46','2020-03-27 12:04:35');

6046. insert into registro values(null,null,21,'2020-03-27 11:54:54','2020-03-27 12:09:23');

6047. insert into registro values(null,null,22,'2020-03-27 11:57:07','2020-03-27 12:12:02');

6048. insert into registro values(null,null,23,'2020-03-27 11:59:39','2020-03-27 12:11:25');

6049. insert into registro values(null,null,4,'2020-03-28 11:02:55','2020-03-28 11:13:44');

6050. insert into registro values(null,null,5,'2020-03-28 11:05:38','2020-03-28 11:15:44');

6051. insert into registro values(null,null,6,'2020-03-28 11:08:45','2020-03-28 11:22:04');

6052. insert into registro values(null,null,7,'2020-03-28 11:12:56','2020-03-28 11:21:36');

6053. insert into registro values(null,null,8,'2020-03-28 11:20:23','2020-03-28 11:35:02');

6054. insert into registro values(null,null,9,'2020-03-28 11:24:50','2020-03-28 11:34:47');

6055. insert into registro values(null,null,10,'2020-03-28 11:31:59','2020-03-28 11:36:49');

6056. *insert into registro values(null,null,11,'2020-03-28 11:39:57','2020-03-28 11:51:38');*

6057. *insert into registro values(null,null,12,'2020-03-28 11:45:01','2020-03-28 11:50:41');*

6058. *insert into registro values(null,null,13,'2020-03-28 11:46:27','2020-03-28 11:54:58');*

6059. *insert into registro values(null,null,14,'2020-03-28 11:52:57','2020-03-28 11:57:55');*

6060. *insert into registro values(null,null,15,'2020-03-28 11:55:20','2020-03-28 12:11:25');*

6061. *insert into registro values(null,null,16,'2020-03-28 11:59:32','2020-03-28 12:08:37');*

6062. *insert into registro values(null,null,17,'2020-03-28 12:03:43','2020-03-28 12:17:54');*

6063. *insert into registro values(null,null,18,'2020-03-28 12:07:54','2020-03-28 12:22:24');*

6064. *insert into registro values(null,null,19,'2020-03-28 12:09:45','2020-03-28 12:18:17');*

6065. *insert into registro values(null,null,20,'2020-03-28 12:16:52','2020-03-28 12:21:42');*

6066. *insert into registro values(null,null,21,'2020-03-28 12:20:59','2020-03-28 12:30:56');*

6067. *insert into registro values(null,null,22,'2020-03-28 12:25:34','2020-03-28 12:35:32');*

6068. *insert into registro values(null,null,23,'2020-03-28 12:32:50','2020-03-28 12:46:47');*

6069. *insert into registro values(null,null,4,'2020-03-29 11:01:52','2020-03-29 11:06:28');*

6070. *insert into registro values(null,null,5,'2020-03-29 11:01:58','2020-03-29 11:15:41');*

6071. *insert into registro values(null,null,6,'2020-03-29 11:07:20','2020-03-29 11:19:20');*

6072. *insert into registro values(null,null,7,'2020-03-29 11:08:51','2020-03-29 11:18:28');*

6073. *insert into registro values(null,null,8,'2020-03-29 11:08:59','2020-03-29 11:21:13');*

6074. *insert into registro values(null,null,9,'2020-03-29 11:09:47','2020-03-29 11:16:42');*

6075. *insert into registro values(null,null,10,'2020-03-29 11:14:55','2020-03-29 11:25:50');*

6076. *insert into registro values(null,null,11,'2020-03-29 11:15:12','2020-03-29 11:28:55');*

6077. *insert into registro values(null,null,12,'2020-03-29 11:15:43','2020-03-29 11:20:38');*

6078. *insert into registro values(null,null,13,'2020-03-29 11:22:59','2020-03-29 11:31:59');*

6079. *insert into registro values(null,null,14,'2020-03-29 11:28:45','2020-03-29 11:38:51');*

6080. *insert into registro values(null,null,15,'2020-03-29 11:28:57','2020-03-29 11:40:55');*

6081. *insert into registro values(null,null,16,'2020-03-29 11:37:55','2020-03-29 11:46:54');*

6082. *insert into registro values(null,null,17,'2020-03-29 11:40:48','2020-03-29 11:45:27');*

6083. *insert into registro values(null,null,18,'2020-03-29 11:48:57','2020-03-29 11:55:05');*

6084. *insert into registro values(null,null,19,'2020-03-29 11:52:44','2020-03-29 12:02:31');*

6085. *insert into registro values(null,null,20,'2020-03-29 11:58:58','2020-03-29 12:12:21');*

6086. *insert into registro values(null,null,21,'2020-03-29 12:02:37','2020-03-29 12:16:15');*

6087. *insert into registro values(null,null,22,'2020-03-29 12:09:57','2020-03-29 12:23:27');*

6088. *insert into registro values(null,null,23,'2020-03-29 12:10:56','2020-03-29 12:15:16');*

6089. *insert into registro values(null,null,4,'2020-03-30 11:02:12','2020-03-30 11:15:06');*

6090. *insert into registro values(null,null,5,'2020-03-30 11:07:21','2020-03-30 11:20:17');*

6091. *insert into registro values(null,null,6,'2020-03-30 11:10:57','2020-03-30 11:22:43');*

6092. *insert into registro values(null,null,7,'2020-03-30 11:18:43','2020-03-30 11:23:55');*

6093. *insert into registro values(null,null,8,'2020-03-30 11:20:51','2020-03-30 11:34:04');*

6094. *insert into registro values(null,null,9,'2020-03-30 11:25:57','2020-03-30 11:31:50');*

6095. *insert into registro values(null,null,10,'2020-03-30 11:30:16','2020-03-30 11:41:59');*

6096. *insert into registro values(null,null,11,'2020-03-30 11:35:57','2020-03-30 11:42:50');*

6097. *insert into registro values(null,null,12,'2020-03-30 11:43:11','2020-03-30 11:57:40');*

6098. *insert into registro values(null,null,13,'2020-03-30 11:45:40','2020-03-30 11:51:08');*

6099. *insert into registro values(null,null,14,'2020-03-30 11:52:48','2020-03-30 11:57:16');*

6100. *insert into registro values(null,null,15,'2020-03-30 11:59:59','2020-03-30 12:15:52');*

6101. *insert into registro values(null,null,16,'2020-03-30 12:04:26','2020-03-30 12:19:41');*

6102. *insert into registro values(null,null,17,'2020-03-30 12:10:54','2020-03-30 12:15:33');*

6103. *insert into registro values(null,null,18,'2020-03-30 12:13:11','2020-03-30 12:27:09');*

6104. *insert into registro values(null,null,19,'2020-03-30 12:21:51','2020-03-30 12:29:42');*

6105. *insert into registro values(null,null,20,'2020-03-30 12:24:57','2020-03-30 12:35:57');*

6106. *insert into registro values(null,null,21,'2020-03-30 12:26:59','2020-03-30 12:36:41');*

6107. *insert into registro values(null,null,22,'2020-03-30 12:32:05','2020-03-30 12:46:19');*

6108.   *insert into registro values(null,null,23,'2020-03-30 12:34:16','2020-03-30 12:43:33');*

6109.   *insert into registro values(null,null,4,'2020-04-01 11:04:52','2020-04-01 11:09:03');*

6110.   *insert into registro values(null,null,5,'2020-04-01 11:08:59','2020-04-01 11:16:39');*

6111.   *insert into registro values(null,null,6,'2020-04-01 11:11:51','2020-04-01 11:20:01');*

6112.   *insert into registro values(null,null,7,'2020-04-01 11:11:58','2020-04-01 11:22:06');*

6113.   *insert into registro values(null,null,8,'2020-04-01 11:14:49','2020-04-01 11:22:44');*

6114.   *insert into registro values(null,null,9,'2020-04-01 11:21:56','2020-04-01 11:35:31');*

6115.   *insert into registro values(null,null,10,'2020-04-01 11:28:28','2020-04-01 11:41:15');*

6116.   *insert into registro values(null,null,11,'2020-04-01 11:34:36','2020-04-01 11:48:51');*

6117.   *insert into registro values(null,null,12,'2020-04-01 11:37:43','2020-04-01 11:45:56');*

6118.   *insert into registro values(null,null,13,'2020-04-01 11:37:49','2020-04-01 11:42:38');*

6119.   *insert into registro values(null,null,14,'2020-04-01 11:41:56','2020-04-01 11:56:08');*

6120.   *insert into registro values(null,null,15,'2020-04-01 11:45:31','2020-04-01 12:01:50');*

6121.   *insert into registro values(null,null,16,'2020-04-01 11:46:42','2020-04-01 12:56:05');*

6122.   *insert into registro values(null,null,17,'2020-04-01 11:49:51','2020-04-01 12:54:13');*

6123.   *insert into registro values(null,null,18,'2020-04-01 11:52:59','2020-04-01 12:03:47');*

6124.   *insert into registro values(null,null,19,'2020-04-01 11:53:22','2020-04-01 12:09:02');*

6125.   *insert into registro values(null,null,20,'2020-04-01 11:55:48','2020-04-01 12:07:35');*

6126.   *insert into registro values(null,null,21,'2020-04-01 11:59:55','2020-04-01 12:09:36');*

6127.   *insert into registro values(null,null,22,'2020-04-01 12:01:47','2020-04-01 12:12:48');*

6128.   *insert into registro values(null,null,23,'2020-04-01 12:07:54','2020-04-01 12:15:29');*

6129.   *insert into registro values(null,null,4,'2020-04-02 11:03:09','2020-04-02 11:17:44');*

6130.   *insert into registro values(null,null,5,'2020-04-02 11:09:40','2020-04-02 11:24:57');*

6131.   *insert into registro values(null,null,6,'2020-04-02 11:11:46','2020-04-02 11:23:05');*

6132.   *insert into registro values(null,null,7,'2020-04-02 11:16:56','2020-04-02 11:27:44');*

6133.   *insert into registro values(null,null,8,'2020-04-02 11:18:28','2020-04-02 11:28:22');*

6134. insert into registro values(null,null,9,'2020-04-02 11:21:46','2020-04-02 11:31:09');

6135. insert into registro values(null,null,10,'2020-04-02 11:21:57','2020-04-02 11:34:02');

6136. insert into registro values(null,null,11,'2020-04-02 11:29:47','2020-04-02 11:41:06');

6137. insert into registro values(null,null,12,'2020-04-02 11:36:55','2020-04-02 11:49:22');

6138. insert into registro values(null,null,13,'2020-04-02 11:38:40','2020-04-02 11:48:28');

6139. insert into registro values(null,null,14,'2020-04-02 11:38:59','2020-04-02 11:46:57');

6140. insert into registro values(null,null,15,'2020-04-02 11:45:17','2020-04-02 11:55:17');

6141. insert into registro values(null,null,16,'2020-04-02 11:51:29','2020-04-02 12:05:41');

6142. insert into registro values(null,null,17,'2020-04-02 11:54:59','2020-04-02 12:08:09');

6143. insert into registro values(null,null,18,'2020-04-02 11:59:55','2020-04-02 12:11:11');

6144. insert into registro values(null,null,19,'2020-04-02 12:01:46','2020-04-02 12:16:42');

6145. insert into registro values(null,null,20,'2020-04-02 12:08:58','2020-04-02 12:21:43');

6146. insert into registro values(null,null,21,'2020-04-02 12:17:06','2020-04-02 12:28:11');

6147. insert into registro values(null,null,22,'2020-04-02 12:19:33','2020-04-02 12:25:17');

6148. insert into registro values(null,null,23,'2020-04-02 12:23:53','2020-04-02 12:32:32');

6149. insert into registro values(null,null,4,'2020-04-03 11:03:36','2020-04-03 11:16:15');

6150. insert into registro values(null,null,5,'2020-04-03 11:07:51','2020-04-03 11:20:01');

6151. insert into registro values(null,null,6,'2020-04-03 11:13:58','2020-04-03 11:22:16');

6152. insert into registro values(null,null,7,'2020-04-03 11:20:02','2020-04-03 11:28:01');

6153. insert into registro values(null,null,8,'2020-04-03 11:22:29','2020-04-03 11:33:37');

6154. insert into registro values(null,null,9,'2020-04-03 11:27:38','2020-04-03 11:37:32');

6155. insert into registro values(null,null,10,'2020-04-03 11:34:48','2020-04-03 11:48:24');

6156. insert into registro values(null,null,11,'2020-04-03 11:34:55','2020-04-03 11:43:47');

6157. insert into registro values(null,null,12,'2020-04-03 11:38:59','2020-04-03 11:50:54');

6158. insert into registro values(null,null,13,'2020-04-03 11:43:21','2020-04-03 11:57:48');

6159. insert into registro values(null,null,14,'2020-04-03 11:50:57','2020-04-03 12:06:57');

6160. *insert into registro values(null,null,15,'2020-04-03 11:53:47','2020-04-03 12:08:34');*

6161. *insert into registro values(null,null,16,'2020-04-03 11:56:58','2020-04-03 12:10:36');*

6162. *insert into registro values(null,null,17,'2020-04-03 11:58:50','2020-04-03 12:13:27');*

6163. *insert into registro values(null,null,18,'2020-04-03 11:58:57','2020-04-03 12:13:03');*

6164. *insert into registro values(null,null,19,'2020-04-03 12:02:19','2020-04-03 12:10:46');*

6165. *insert into registro values(null,null,20,'2020-04-03 12:03:44','2020-04-03 12:15:16');*

6166. *insert into registro values(null,null,21,'2020-04-03 12:06:55','2020-04-03 12:18:35');*

6167. *insert into registro values(null,null,22,'2020-04-03 12:10:42','2020-04-03 12:16:13');*

6168. *insert into registro values(null,null,23,'2020-04-03 12:15:51','2020-04-03 12:22:24');*

6169. *insert into registro values(null,null,4,'2020-04-04 11:02:06','2020-04-04 11:16:31');*

6170. *insert into registro values(null,null,5,'2020-04-04 11:04:51','2020-04-04 11:13:59');*

6171. *insert into registro values(null,null,6,'2020-04-04 11:11:59','2020-04-04 11:25:12');*

6172. *insert into registro values(null,null,7,'2020-04-04 11:20:31','2020-04-04 11:35:58');*

6173. *insert into registro values(null,null,8,'2020-04-04 11:24:38','2020-04-04 11:34:29');*

6174. *insert into registro values(null,null,9,'2020-04-04 11:30:46','2020-04-04 11:39:21');*

6175. *insert into registro values(null,null,10,'2020-04-04 11:33:56','2020-04-04 11:40:11');*

6176. *insert into registro values(null,null,11,'2020-04-04 11:37:43','2020-04-04 11:47:55');*

6177. *insert into registro values(null,null,12,'2020-04-04 11:45:55','2020-04-04 11:51:51');*

6178. *insert into registro values(null,null,13,'2020-04-04 11:48:52','2020-04-04 12:02:55');*

6179. *insert into registro values(null,null,14,'2020-04-04 11:52:59','2020-04-04 12:06:22');*

6180. *insert into registro values(null,null,15,'2020-04-04 11:58:08','2020-04-04 12:13:56');*

6181. *insert into registro values(null,null,16,'2020-04-04 11:59:43','2020-04-04 12:08:26');*

6182. *insert into registro values(null,null,17,'2020-04-04 12:03:52','2020-04-04 12:18:52');*

6183. *insert into registro values(null,null,18,'2020-04-04 12:10:58','2020-04-04 12:17:07');*

6184. *insert into registro values(null,null,19,'2020-04-04 12:18:45','2020-04-04 12:25:08');*

6185. *insert into registro values(null,null,20,'2020-04-04 12:18:53','2020-04-04 12:32:25');*

6186.   *insert into registro values(null,null,21,'2020-04-04 12:24:59','2020-04-04 12:30:38');*

6187.   *insert into registro values(null,null,22,'2020-04-04 12:27:33','2020-04-04 12:32:15');*

6188.   *insert into registro values(null,null,23,'2020-04-04 12:35:57','2020-04-04 12:40:34');*

6189.   *insert into registro values(null,null,4,'2020-04-05 11:02:10','2020-04-05 11:07:26');*

6190.   *insert into registro values(null,null,5,'2020-04-05 11:03:35','2020-04-05 11:12:47');*

6191.   *insert into registro values(null,null,6,'2020-04-05 11:07:44','2020-04-05 11:17:36');*

6192.   *insert into registro values(null,null,7,'2020-04-05 11:13:57','2020-04-05 11:27:39');*

6193.   *insert into registro values(null,null,8,'2020-04-05 11:18:18','2020-04-05 11:24:19');*

6194.   *insert into registro values(null,null,9,'2020-04-05 11:24:30','2020-04-05 11:29:44');*

6195.   *insert into registro values(null,null,10,'2020-04-05 11:29:46','2020-04-05 11:34:41');*

6196.   *insert into registro values(null,null,11,'2020-04-05 11:37:53','2020-04-05 11:49:25');*

6197.   *insert into registro values(null,null,12,'2020-04-05 11:43:59','2020-04-05 11:50:47');*

6198.   *insert into registro values(null,null,13,'2020-04-05 11:46:30','2020-04-05 12:01:26');*

6199.   *insert into registro values(null,null,14,'2020-04-05 11:54:39','2020-04-05 12:06:52');*

6200.   *insert into registro values(null,null,15,'2020-04-05 11:55:59','2020-04-05 12:04:56');*

6201.   *insert into registro values(null,null,16,'2020-04-05 11:59:06','2020-04-05 12:11:26');*

6202.   *insert into registro values(null,null,17,'2020-04-05 12:04:43','2020-04-05 12:15:43');*

6203.   *insert into registro values(null,null,18,'2020-04-05 12:06:56','2020-04-05 12:19:42');*

6204.   *insert into registro values(null,null,19,'2020-04-05 12:12:57','2020-04-05 12:20:39');*

6205.   *insert into registro values(null,null,20,'2020-04-05 12:17:42','2020-04-05 12:27:25');*

6206.   *insert into registro values(null,null,21,'2020-04-05 12:18:58','2020-04-05 12:32:08');*

6207.   *insert into registro values(null,null,22,'2020-04-05 12:26:20','2020-04-05 12:39:14');*

6208.   *insert into registro values(null,null,23,'2020-04-05 12:32:54','2020-04-05 12:44:04');*

6209.   *insert into registro values(null,null,4,'2020-04-06 11:01:35','2020-04-06 11:09:07');*

6210.   *insert into registro values(null,null,5,'2020-04-06 11:08:52','2020-04-06 11:16:33');*

6211.   *insert into registro values(null,null,6,'2020-04-06 11:08:58','2020-04-06 11:13:32');*

6212. *insert into registro values(null,null,7,'2020-04-06 11:10:30','2020-04-06 11:19:07');*

6213. *insert into registro values(null,null,8,'2020-04-06 11:17:53','2020-04-06 11:29:12');*

6214. *insert into registro values(null,null,9,'2020-04-06 11:19:59','2020-04-06 11:29:32');*

6215. *insert into registro values(null,null,10,'2020-04-06 11:24:33','2020-04-06 11:35:09');*

6216. *insert into registro values(null,null,11,'2020-04-06 11:26:59','2020-04-06 11:31:16');*

6217. *insert into registro values(null,null,12,'2020-04-06 11:27:14','2020-04-06 11:34:28');*

6218. *insert into registro values(null,null,13,'2020-04-06 11:29:37','2020-04-06 11:40:03');*

6219. *insert into registro values(null,null,14,'2020-04-06 11:34:55','2020-04-06 11:45:33');*

6220. *insert into registro values(null,null,15,'2020-04-06 11:37:53','2020-04-06 11:49:45');*

6221. *insert into registro values(null,null,16,'2020-04-06 11:42:59','2020-04-06 11:49:52');*

6222. *insert into registro values(null,null,17,'2020-04-06 11:45:52','2020-04-06 12:01:26');*

6223. *insert into registro values(null,null,18,'2020-04-06 11:48:58','2020-04-06 12:57:33');*

6224. *insert into registro values(null,null,19,'2020-04-06 11:52:03','2020-04-06 12:07:19');*

6225. *insert into registro values(null,null,20,'2020-04-06 11:58:55','2020-04-06 12:12:26');*

6226. *insert into registro values(null,null,21,'2020-04-06 12:04:15','2020-04-06 12:11:03');*

6227. *insert into registro values(null,null,22,'2020-04-06 12:11:45','2020-04-06 12:17:38');*

6228. *insert into registro values(null,null,23,'2020-04-06 12:13:58','2020-04-06 12:26:53');*

6229. *insert into registro values(null,null,4,'2020-04-07 11:03:30','2020-04-07 11:17:53');*

6230. *insert into registro values(null,null,5,'2020-04-07 11:11:47','2020-04-07 11:23:25');*

6231. *insert into registro values(null,null,6,'2020-04-07 11:18:58','2020-04-07 11:26:02');*

6232. *insert into registro values(null,null,7,'2020-04-07 11:27:27','2020-04-07 11:32:22');*

6233. *insert into registro values(null,null,8,'2020-04-07 11:31:59','2020-04-07 11:45:23');*

6234. *insert into registro values(null,null,9,'2020-04-07 11:39:49','2020-04-07 11:54:17');*

6235. *insert into registro values(null,null,10,'2020-04-07 11:41:58','2020-04-07 11:50:43');*

6236. *insert into registro values(null,null,11,'2020-04-07 11:48:31','2020-04-07 11:57:12');*

6237. *insert into registro values(null,null,12,'2020-04-07 11:55:53','2020-04-07 12:02:17');*

6238. *insert into registro values(null,null,13,'2020-04-07 11:59:59','2020-04-07 12:08:47');*

6239. *insert into registro values(null,null,14,'2020-04-07 12:03:54','2020-04-07 12:15:20');*

6240. *insert into registro values(null,null,15,'2020-04-07 12:12:10','2020-04-07 12:20:10');*

6241. *insert into registro values(null,null,16,'2020-04-07 12:12:16','2020-04-07 12:20:01');*

6242. *insert into registro values(null,null,17,'2020-04-07 12:14:59','2020-04-07 12:26:07');*

6243. *insert into registro values(null,null,18,'2020-04-07 12:20:45','2020-04-07 12:29:47');*

6244. *insert into registro values(null,null,19,'2020-04-07 12:27:56','2020-04-07 12:36:47');*

6245. *insert into registro values(null,null,20,'2020-04-07 12:28:31','2020-04-07 12:36:40');*

6246. *insert into registro values(null,null,21,'2020-04-07 12:30:40','2020-04-07 12:43:18');*

6247. *insert into registro values(null,null,22,'2020-04-07 12:36:59','2020-04-07 12:44:30');*

6248. *insert into registro values(null,null,23,'2020-04-07 12:43:57','2020-04-07 12:49:36');*

6249. *insert into registro values(null,null,4,'2020-04-08 11:01:38','2020-04-08 11:09:20');*

6250. *insert into registro values(null,null,5,'2020-04-08 11:08:59','2020-04-08 11:13:34');*

6251. *insert into registro values(null,null,6,'2020-04-08 11:16:25','2020-04-08 11:26:28');*

6252. *insert into registro values(null,null,7,'2020-04-08 11:23:59','2020-04-08 11:36:29');*

6253. *insert into registro values(null,null,8,'2020-04-08 11:31:57','2020-04-08 11:41:58');*

6254. *insert into registro values(null,null,9,'2020-04-08 11:38:47','2020-04-08 11:50:03');*

6255. *insert into registro values(null,null,10,'2020-04-08 11:45:53','2020-04-08 11:50:36');*

6256. *insert into registro values(null,null,11,'2020-04-08 11:45:59','2020-04-08 11:51:35');*

6257. *insert into registro values(null,null,12,'2020-04-08 11:53:51','2020-04-08 12:08:20');*

6258. *insert into registro values(null,null,13,'2020-04-08 11:59:58','2020-04-08 12:07:24');*

6259. *insert into registro values(null,null,14,'2020-04-08 12:01:36','2020-04-08 12:11:35');*

6260. *insert into registro values(null,null,15,'2020-04-08 12:05:52','2020-04-08 12:19:22');*

6261. *insert into registro values(null,null,16,'2020-04-08 12:11:58','2020-04-08 12:23:21');*

6262. *insert into registro values(null,null,17,'2020-04-08 12:19:55','2020-04-08 12:25:09');*

6263. *insert into registro values(null,null,18,'2020-04-08 12:20:51','2020-04-08 12:35:43');*

6264.   *insert into registro values(null,null,19,'2020-04-08 12:28:59','2020-04-08 12:37:49');*

6265.   *insert into registro values(null,null,20,'2020-04-08 12:29:47','2020-04-08 12:39:54');*

6266.   *insert into registro values(null,null,21,'2020-04-08 12:32:55','2020-04-08 12:38:55');*

6267.   *insert into registro values(null,null,22,'2020-04-08 12:38:59','2020-04-08 12:44:34');*

6268.   *insert into registro values(null,null,23,'2020-04-08 12:40:01','2020-04-08 12:52:27');*

6269.   *insert into registro values(null,null,4,'2020-04-09 11:03:08','2020-04-09 11:14:26');*

6270.   *insert into registro values(null,null,5,'2020-04-09 11:09:23','2020-04-09 11:14:16');*

6271.   *insert into registro values(null,null,6,'2020-04-09 11:09:41','2020-04-09 11:20:18');*

6272.   *insert into registro values(null,null,7,'2020-04-09 11:14:50','2020-04-09 11:21:14');*

6273.   *insert into registro values(null,null,8,'2020-04-09 11:20:57','2020-04-09 11:32:06');*

6274.   *insert into registro values(null,null,9,'2020-04-09 11:21:36','2020-04-09 11:36:52');*

6275.   *insert into registro values(null,null,10,'2020-04-09 11:26:44','2020-04-09 11:35:07');*

6276.   *insert into registro values(null,null,11,'2020-04-09 11:33:53','2020-04-09 11:46:27');*

6277.   *insert into registro values(null,null,12,'2020-04-09 11:35:59','2020-04-09 11:46:26');*

6278.   *insert into registro values(null,null,13,'2020-04-09 11:37:50','2020-04-09 11:50:48');*

6279.   *insert into registro values(null,null,14,'2020-04-09 11:41:57','2020-04-09 11:54:22');*

6280.   *insert into registro values(null,null,15,'2020-04-09 11:49:26','2020-04-09 12:03:46');*

6281.   *insert into registro values(null,null,16,'2020-04-09 11:56:44','2020-04-09 12:09:35');*

6282.   *insert into registro values(null,null,17,'2020-04-09 11:58:56','2020-04-09 12:06:13');*

6283.   *insert into registro values(null,null,18,'2020-04-09 12:01:44','2020-04-09 12:08:34');*

6284.   *insert into registro values(null,null,19,'2020-04-09 12:01:52','2020-04-09 12:07:14');*

6285.   *insert into registro values(null,null,20,'2020-04-09 12:07:59','2020-04-09 12:15:29');*

6286.   *insert into registro values(null,null,21,'2020-04-09 12:10:04','2020-04-09 12:18:44');*

6287.   *insert into registro values(null,null,22,'2020-04-09 12:10:29','2020-04-09 12:15:07');*

6288.   *insert into registro values(null,null,23,'2020-04-09 12:13:44','2020-04-09 12:22:03');*

6289.   *insert into registro values(null,null,4,'2020-04-10 11:03:13','2020-04-10 11:14:02');*

6290. *insert into registro values(null,null,5,'2020-04-10 11:11:55','2020-04-10 11:25:19');*

6291. *insert into registro values(null,null,6,'2020-04-10 11:12:57','2020-04-10 11:25:49');*

6292. *insert into registro values(null,null,7,'2020-04-10 11:13:16','2020-04-10 11:23:38');*

6293. *insert into registro values(null,null,8,'2020-04-10 11:17:29','2020-04-10 11:27:19');*

6294. *insert into registro values(null,null,9,'2020-04-10 11:21:35','2020-04-10 11:31:46');*

6295. *insert into registro values(null,null,10,'2020-04-10 11:24:53','2020-04-10 11:29:26');*

6296. *insert into registro values(null,null,11,'2020-04-10 11:29:59','2020-04-10 11:39:51');*

6297. *insert into registro values(null,null,12,'2020-04-10 11:36:34','2020-04-10 11:43:46');*

6298. *insert into registro values(null,null,13,'2020-04-10 11:42:46','2020-04-10 11:56:50');*

6299. *insert into registro values(null,null,14,'2020-04-10 11:47:56','2020-04-10 12:02:02');*

6300. *insert into registro values(null,null,15,'2020-04-10 11:52:11','2020-04-10 12:04:58');*

6301. *insert into registro values(null,null,16,'2020-04-10 11:59:43','2020-04-10 12:12:18');*

6302. *insert into registro values(null,null,17,'2020-04-10 12:01:50','2020-04-10 12:15:39');*

6303. *insert into registro values(null,null,18,'2020-04-10 12:01:58','2020-04-10 12:16:57');*

6304. *insert into registro values(null,null,19,'2020-04-10 12:03:44','2020-04-10 12:18:30');*

6305. *insert into registro values(null,null,20,'2020-04-10 12:05:58','2020-04-10 12:13:31');*

6306. *insert into registro values(null,null,21,'2020-04-10 12:11:58','2020-04-10 12:26:56');*

6307. *insert into registro values(null,null,22,'2020-04-10 12:14:55','2020-04-10 12:28:56');*

6308. *insert into registro values(null,null,23,'2020-04-10 12:21:02','2020-04-10 12:26:59');*

6309. *insert into registro values(null,null,4,'2020-04-11 11:03:26','2020-04-11 11:14:20');*

6310. *insert into registro values(null,null,5,'2020-04-11 11:05:55','2020-04-11 11:18:35');*

6311. *insert into registro values(null,null,6,'2020-04-11 11:09:16','2020-04-11 11:24:29');*

6312. *insert into registro values(null,null,7,'2020-04-11 11:09:48','2020-04-11 11:14:09');*

6313. *insert into registro values(null,null,8,'2020-04-11 11:09:55','2020-04-11 11:17:25');*

6314. *insert into registro values(null,null,9,'2020-04-11 11:17:39','2020-04-11 11:28:43');*

6315. *insert into registro values(null,null,10,'2020-04-11 11:20:46','2020-04-11 11:34:44');*

6316.   insert into registro values(null,null,11,'2020-04-11 11:28:59','2020-04-11 11:39:31');

6317.   insert into registro values(null,null,12,'2020-04-11 11:35:50','2020-04-11 11:42:39');

6318.   insert into registro values(null,null,13,'2020-04-11 11:36:58','2020-04-11 11:51:49');

6319.   insert into registro values(null,null,14,'2020-04-11 11:39:47','2020-04-11 11:54:37');

6320.   insert into registro values(null,null,15,'2020-04-11 11:39:59','2020-04-11 11:46:40');

6321.   insert into registro values(null,null,16,'2020-04-11 11:43:08','2020-04-11 11:52:57');

6322.   insert into registro values(null,null,17,'2020-04-11 11:51:31','2020-04-11 12:02:43');

6323.   insert into registro values(null,null,18,'2020-04-11 11:57:56','2020-04-11 12:11:39');

6324.   insert into registro values(null,null,19,'2020-04-11 11:59:24','2020-04-11 12:15:18');

6325.   insert into registro values(null,null,20,'2020-04-11 12:03:32','2020-04-11 12:10:54');

6326.   insert into registro values(null,null,21,'2020-04-11 12:09:42','2020-04-11 12:15:38');

6327.   insert into registro values(null,null,22,'2020-04-11 12:16:51','2020-04-11 12:31:57');

6328.   insert into registro values(null,null,23,'2020-04-11 12:17:58','2020-04-11 12:28:35');

6329.   insert into registro values(null,null,4,'2020-04-12 11:03:55','2020-04-12 11:15:40');

6330.   insert into registro values(null,null,5,'2020-04-12 11:04:43','2020-04-12 11:18:15');

6331.   insert into registro values(null,null,6,'2020-04-12 11:06:50','2020-04-12 11:19:17');

6332.   insert into registro values(null,null,7,'2020-04-12 11:07:57','2020-04-12 11:15:54');

6333.   insert into registro values(null,null,8,'2020-04-12 11:11:06','2020-04-12 11:18:07');

6334.   insert into registro values(null,null,9,'2020-04-12 11:13:38','2020-04-12 11:19:15');

6335.   insert into registro values(null,null,10,'2020-04-12 11:20:55','2020-04-12 11:35:24');

6336.   insert into registro values(null,null,11,'2020-04-12 11:26:38','2020-04-12 11:32:12');

6337.   insert into registro values(null,null,12,'2020-04-12 11:29:45','2020-04-12 11:40:26');

6338.   insert into registro values(null,null,13,'2020-04-12 11:29:53','2020-04-12 11:41:32');

6339.   insert into registro values(null,null,14,'2020-04-12 11:33:59','2020-04-12 11:40:47');

6340.   insert into registro values(null,null,15,'2020-04-12 11:37:13','2020-04-12 11:50:17');

6341.   insert into registro values(null,null,16,'2020-04-12 11:42:44','2020-04-12 11:57:23');

6342. *insert into registro values(null,null,17,'2020-04-12 11:42:58','2020-04-12 11:53:10');*

6343. *insert into registro values(null,null,18,'2020-04-12 11:43:11','2020-04-12 11:50:08');*

6344. *insert into registro values(null,null,19,'2020-04-12 11:44:25','2020-04-12 11:59:15');*

6345. *insert into registro values(null,null,20,'2020-04-12 11:52:38','2020-04-12 12:04:46');*

6346. *insert into registro values(null,null,21,'2020-04-12 11:54:45','2020-04-12 12:10:23');*

6347. *insert into registro values(null,null,22,'2020-04-12 11:59:57','2020-04-12 12:09:34');*

6348. *insert into registro values(null,null,23,'2020-04-12 12:02:18','2020-04-12 12:14:10');*

6349. *insert into registro values(null,null,4,'2020-04-13 11:02:53','2020-04-13 11:13:44');*

6350. *insert into registro values(null,null,5,'2020-04-13 11:10:59','2020-04-13 11:16:54');*

6351. *insert into registro values(null,null,6,'2020-04-13 11:11:01','2020-04-13 11:24:58');*

6352. *insert into registro values(null,null,7,'2020-04-13 11:17:14','2020-04-13 11:28:58');*

6353. *insert into registro values(null,null,8,'2020-04-13 11:17:32','2020-04-13 11:26:16');*

6354. *insert into registro values(null,null,9,'2020-04-13 11:20:57','2020-04-13 11:26:05');*

6355. *insert into registro values(null,null,10,'2020-04-13 11:26:09','2020-04-13 11:35:45');*

6356. *insert into registro values(null,null,11,'2020-04-13 11:27:26','2020-04-13 11:34:29');*

6357. *insert into registro values(null,null,12,'2020-04-13 11:33:55','2020-04-13 11:47:13');*

6358. *insert into registro values(null,null,13,'2020-04-13 11:39:50','2020-04-13 11:44:02');*

6359. *insert into registro values(null,null,14,'2020-04-13 11:39:57','2020-04-13 11:50:05');*

6360. *insert into registro values(null,null,15,'2020-04-13 11:41:35','2020-04-13 11:49:37');*

6361. *insert into registro values(null,null,16,'2020-04-13 11:42:55','2020-04-13 11:57:05');*

6362. *insert into registro values(null,null,17,'2020-04-13 11:47:28','2020-04-13 11:52:02');*

6363. *insert into registro values(null,null,18,'2020-04-13 11:54:58','2020-04-13 12:06:23');*

6364. *insert into registro values(null,null,19,'2020-04-13 11:59:23','2020-04-13 12:09:06');*

6365. *insert into registro values(null,null,20,'2020-04-13 12:02:29','2020-04-13 12:07:38');*

6366. *insert into registro values(null,null,21,'2020-04-13 12:08:35','2020-04-13 12:19:31');*

6367. *insert into registro values(null,null,22,'2020-04-13 12:16:52','2020-04-13 12:28:22');*

6368. *insert into registro values(null,null,23,'2020-04-13 12:18:59','2020-04-13 12:28:43');*

6369. *insert into registro values(null,null,4,'2020-04-14 11:02:25','2020-04-14 11:16:34');*

6370. *insert into registro values(null,null,5,'2020-04-14 11:10:49','2020-04-14 11:18:59');*

6371. *insert into registro values(null,null,6,'2020-04-14 11:18:59','2020-04-14 11:24:36');*

6372. *insert into registro values(null,null,7,'2020-04-14 11:20:40','2020-04-14 11:30:03');*

6373. *insert into registro values(null,null,8,'2020-04-14 11:22:59','2020-04-14 11:32:08');*

6374. *insert into registro values(null,null,9,'2020-04-14 11:30:12','2020-04-14 11:36:12');*

6375. *insert into registro values(null,null,10,'2020-04-14 11:33:34','2020-04-14 11:48:08');*

6376. *insert into registro values(null,null,11,'2020-04-14 11:37:46','2020-04-14 11:42:28');*

6377. *insert into registro values(null,null,12,'2020-04-14 11:41:58','2020-04-14 11:54:41');*

6378. *insert into registro values(null,null,13,'2020-04-14 11:46:13','2020-04-14 12:02:49');*

6379. *insert into registro values(null,null,14,'2020-04-14 11:49:20','2020-04-14 12:04:32');*

6380. *insert into registro values(null,null,15,'2020-04-14 11:52:43','2020-04-14 12:03:52');*

6381. *insert into registro values(null,null,16,'2020-04-14 11:55:49','2020-04-14 12:04:51');*

6382. *insert into registro values(null,null,17,'2020-04-14 11:59:59','2020-04-14 12:12:56');*

6383. *insert into registro values(null,null,18,'2020-04-14 12:03:24','2020-04-14 12:14:41');*

6384. *insert into registro values(null,null,19,'2020-04-14 12:05:49','2020-04-14 12:20:48');*

6385. *insert into registro values(null,null,20,'2020-04-14 12:10:59','2020-04-14 12:21:27');*

6386. *insert into registro values(null,null,21,'2020-04-14 12:17:01','2020-04-14 12:32:15');*

6387. *insert into registro values(null,null,22,'2020-04-14 12:22:29','2020-04-14 12:34:50');*

6388. *insert into registro values(null,null,23,'2020-04-14 12:22:38','2020-04-14 12:31:20');*

6389. *insert into registro values(null,null,4,'2020-04-15 11:04:03','2020-04-15 11:16:53');*

6390. *insert into registro values(null,null,5,'2020-04-15 11:11:14','2020-04-15 11:23:47');*

6391. *insert into registro values(null,null,6,'2020-04-15 11:15:28','2020-04-15 11:27:06');*

6392. *insert into registro values(null,null,7,'2020-04-15 11:17:37','2020-04-15 11:30:37');*

6393. *insert into registro values(null,null,8,'2020-04-15 11:20:43','2020-04-15 11:35:58');*

6394. *insert into registro values(null,null,9,'2020-04-15 11:25:59','2020-04-15 11:36:44');*

6395. *insert into registro values(null,null,10,'2020-04-15 11:29:58','2020-04-15 11:44:23');*

6396. *insert into registro values(null,null,11,'2020-04-15 11:31:36','2020-04-15 11:46:18');*

6397. *insert into registro values(null,null,12,'2020-04-15 11:38:50','2020-04-15 11:46:05');*

6398. *insert into registro values(null,null,13,'2020-04-15 11:44:56','2020-04-15 11:52:20');*

6399. *insert into registro values(null,null,14,'2020-04-15 11:52:55','2020-04-15 12:02:01');*

6400. *insert into registro values(null,null,15,'2020-04-15 11:59:27','2020-04-15 12:16:06');*

6401. *insert into registro values(null,null,16,'2020-04-15 12:02:54','2020-04-15 12:08:03');*

6402. *insert into registro values(null,null,17,'2020-04-15 12:04:39','2020-04-15 12:09:52');*

6403. *insert into registro values(null,null,18,'2020-04-15 12:09:51','2020-04-15 12:15:29');*

6404. *insert into registro values(null,null,19,'2020-04-15 12:12:57','2020-04-15 12:27:35');*

6405. *insert into registro values(null,null,20,'2020-04-15 12:20:12','2020-04-15 12:28:05');*

6406. *insert into registro values(null,null,21,'2020-04-15 12:23:24','2020-04-15 12:38:56');*

6407. *insert into registro values(null,null,22,'2020-04-15 12:26:56','2020-04-15 12:31:57');*

6408. *insert into registro values(null,null,23,'2020-04-15 12:35:37','2020-04-15 12:49:08');*

6409. *insert into registro values(null,null,4,'2020-04-16 11:01:42','2020-04-16 11:11:23');*

6410. *insert into registro values(null,null,5,'2020-04-16 11:01:53','2020-04-16 11:09:25');*

6411. *insert into registro values(null,null,6,'2020-04-16 11:09:59','2020-04-16 11:20:41');*

6412. *insert into registro values(null,null,7,'2020-04-16 11:14:33','2020-04-16 11:27:14');*

6413. *insert into registro values(null,null,8,'2020-04-16 11:19:53','2020-04-16 11:31:48');*

6414. *insert into registro values(null,null,9,'2020-04-16 11:23:59','2020-04-16 11:30:31');*

6415. *insert into registro values(null,null,10,'2020-04-16 11:32:43','2020-04-16 11:37:04');*

6416. *insert into registro values(null,null,11,'2020-04-16 11:32:55','2020-04-16 11:37:29');*

6417. *insert into registro values(null,null,12,'2020-04-16 11:39:12','2020-04-16 11:48:36');*

6418. *insert into registro values(null,null,13,'2020-04-16 11:45:41','2020-04-16 11:52:28');*

6419. *insert into registro values(null,null,14,'2020-04-16 11:49:53','2020-04-16 11:59:45');*

6420. *insert into registro values(null,null,15,'2020-04-16 11:50:59','2020-04-16 12:04:07');*

6421. *insert into registro values(null,null,16,'2020-04-16 11:56:51','2020-04-16 12:06:38');*

6422. *insert into registro values(null,null,17,'2020-04-16 11:56:59','2020-04-16 12:09:31');*

6423. *insert into registro values(null,null,18,'2020-04-16 11:57:03','2020-04-16 12:06:26');*

6424. *insert into registro values(null,null,19,'2020-04-16 11:59:47','2020-04-16 12:08:37');*

6425. *insert into registro values(null,null,20,'2020-04-16 12:01:56','2020-04-16 12:08:17');*

6426. *insert into registro values(null,null,21,'2020-04-16 12:02:25','2020-04-16 12:16:43');*

6427. *insert into registro values(null,null,22,'2020-04-16 12:03:52','2020-04-16 12:11:02');*

6428. *insert into registro values(null,null,23,'2020-04-16 12:04:59','2020-04-16 12:13:55');*

6429. *insert into registro values(null,null,4,'2020-04-17 11:01:04','2020-04-17 11:16:45');*

6430. *insert into registro values(null,null,5,'2020-04-17 11:09:46','2020-04-17 11:22:22');*

6431. *insert into registro values(null,null,6,'2020-04-17 11:12:58','2020-04-17 11:23:54');*

6432. *insert into registro values(null,null,7,'2020-04-17 11:15:56','2020-04-17 11:25:13');*

6433. *insert into registro values(null,null,8,'2020-04-17 11:18:12','2020-04-17 11:27:15');*

6434. *insert into registro values(null,null,9,'2020-04-17 11:21:47','2020-04-17 11:33:20');*

6435. *insert into registro values(null,null,10,'2020-04-17 11:21:55','2020-04-17 11:34:05');*

6436. *insert into registro values(null,null,11,'2020-04-17 11:24:44','2020-04-17 11:39:59');*

6437. *insert into registro values(null,null,12,'2020-04-17 11:25:57','2020-04-17 11:37:33');*

6438. *insert into registro values(null,null,13,'2020-04-17 11:34:48','2020-04-17 11:40:09');*

6439. *insert into registro values(null,null,14,'2020-04-17 11:41:58','2020-04-17 11:47:46');*

6440. *insert into registro values(null,null,15,'2020-04-17 11:48:32','2020-04-17 11:54:35');*

6441. *insert into registro values(null,null,16,'2020-04-17 11:54:45','2020-04-17 12:07:02');*

6442. *insert into registro values(null,null,17,'2020-04-17 11:56:54','2020-04-17 12:03:53');*

6443. *insert into registro values(null,null,18,'2020-04-17 11:58:22','2020-04-17 12:07:29');*

6444. *insert into registro values(null,null,19,'2020-04-17 11:58:57','2020-04-17 12:10:50');*

6445. *insert into registro values(null,null,20,'2020-04-17 12:04:37','2020-04-17 12:13:41');*

6446. *insert into registro values(null,null,21,'2020-04-17 12:11:43','2020-04-17 12:18:04');*

6447. *insert into registro values(null,null,22,'2020-04-17 12:13:53','2020-04-17 12:26:09');*

6448. *insert into registro values(null,null,23,'2020-04-17 12:17:59','2020-04-17 12:31:42');*

6449. *insert into registro values(null,null,4,'2020-04-18 11:03:48','2020-04-18 11:15:36');*

6450. *insert into registro values(null,null,5,'2020-04-18 11:05:59','2020-04-18 11:19:35');*

6451. *insert into registro values(null,null,6,'2020-04-18 11:13:12','2020-04-18 11:25:45');*

6452. *insert into registro values(null,null,7,'2020-04-18 11:19:31','2020-04-18 11:25:46');*

6453. *insert into registro values(null,null,8,'2020-04-18 11:19:52','2020-04-18 11:26:29');*

6454. *insert into registro values(null,null,9,'2020-04-18 11:24:59','2020-04-18 11:30:25');*

6455. *insert into registro values(null,null,10,'2020-04-18 11:33:23','2020-04-18 11:38:24');*

6456. *insert into registro values(null,null,11,'2020-04-18 11:37:29','2020-04-18 11:42:22');*

6457. *insert into registro values(null,null,12,'2020-04-18 11:39:57','2020-04-18 11:48:26');*

6458. *insert into registro values(null,null,13,'2020-04-18 11:42:35','2020-04-18 11:49:05');*

6459. *insert into registro values(null,null,14,'2020-04-18 11:42:48','2020-04-18 11:51:12');*

6460. *insert into registro values(null,null,15,'2020-04-18 11:43:56','2020-04-18 11:58:38');*

6461. *insert into registro values(null,null,16,'2020-04-18 11:44:41','2020-04-18 11:59:49');*

6462. *insert into registro values(null,null,17,'2020-04-18 11:48:51','2020-04-18 12:04:09');*

6463. *insert into registro values(null,null,18,'2020-04-18 11:48:58','2020-04-18 12:54:10');*

6464. *insert into registro values(null,null,19,'2020-04-18 11:55:05','2020-04-18 12:11:19');*

6465. *insert into registro values(null,null,20,'2020-04-18 11:58:36','2020-04-18 12:05:54');*

6466. *insert into registro values(null,null,21,'2020-04-18 11:59:49','2020-04-18 12:07:12');*

6467. *insert into registro values(null,null,22,'2020-04-18 12:01:57','2020-04-18 12:09:40');*

6468. *insert into registro values(null,null,23,'2020-04-18 12:07:45','2020-04-18 12:12:25');*

6469. *insert into registro values(null,null,4,'2020-04-19 11:01:47','2020-04-19 11:07:12');*

6470. *insert into registro values(null,null,5,'2020-04-19 11:05:59','2020-04-19 11:16:15');*

6471. *insert into registro values(null,null,6,'2020-04-19 11:07:15','2020-04-19 11:18:46');*

6472. insert into registro values(null,null,7,'2020-04-19 11:15:34','2020-04-19 11:30:09');

6473. insert into registro values(null,null,8,'2020-04-19 11:19:41','2020-04-19 11:25:51');

6474. insert into registro values(null,null,9,'2020-04-19 11:26:49','2020-04-19 11:33:50');

6475. insert into registro values(null,null,10,'2020-04-19 11:31:56','2020-04-19 11:40:28');

6476. insert into registro values(null,null,11,'2020-04-19 11:32:35','2020-04-19 11:47:30');

6477. insert into registro values(null,null,12,'2020-04-19 11:32:41','2020-04-19 11:37:07');

6478. insert into registro values(null,null,13,'2020-04-19 11:35:54','2020-04-19 11:44:18');

6479. insert into registro values(null,null,14,'2020-04-19 11:39:26','2020-04-19 11:52:17');

6480. insert into registro values(null,null,15,'2020-04-19 11:46:34','2020-04-19 11:54:57');

6481. insert into registro values(null,null,16,'2020-04-19 11:49:53','2020-04-19 11:58:21');

6482. insert into registro values(null,null,17,'2020-04-19 11:50:59','2020-04-19 11:57:46');

6483. insert into registro values(null,null,18,'2020-04-19 11:56:48','2020-04-19 12:05:43');

6484. insert into registro values(null,9,null,'2020-04-19 11:58:02','2020-04-19 12:10:36');

6485. insert into registro values(null,null,19,'2020-04-19 11:58:56','2020-04-19 12:09:44');

6486. insert into registro values(null,null,20,'2020-04-19 12:03:37','2020-04-19 12:15:36');

6487. insert into registro values(null,null,21,'2020-04-19 12:08:45','2020-04-19 12:16:04');

6488. insert into registro values(null,null,22,'2020-04-19 12:08:51','2020-04-19 12:14:13');

6489. insert into registro values(null,null,23,'2020-04-19 12:09:57','2020-04-19 12:23:22');

6490. insert into registro values(null,null,4,'2020-04-20 11:01:21','2020-04-20 11:08:58');

6491. insert into registro values(null,null,5,'2020-04-20 11:03:48','2020-04-20 11:08:39');

6492. insert into registro values(null,null,6,'2020-04-20 11:05:57','2020-04-20 11:20:29');

6493. insert into registro values(null,null,7,'2020-04-20 11:08:50','2020-04-20 11:19:12');

6494. insert into registro values(null,null,8,'2020-04-20 11:16:58','2020-04-20 11:23:28');

6495. insert into registro values(null,null,9,'2020-04-20 11:22:22','2020-04-20 11:31:45');

6496. insert into registro values(null,null,10,'2020-04-20 11:22:34','2020-04-20 11:32:27');

6497. insert into registro values(null,null,11,'2020-04-20 11:23:59','2020-04-20 11:36:29');

6498. *insert into registro values(null,null,12,'2020-04-20 11:26:10','2020-04-20 11:34:28');*

6499. *insert into registro values(null,null,13,'2020-04-20 11:30:55','2020-04-20 11:43:47');*

6500. *insert into registro values(null,null,14,'2020-04-20 11:34:10','2020-04-20 11:42:24');*

6501. *insert into registro values(null,null,15,'2020-04-20 11:36:38','2020-04-20 11:45:15');*

6502. *insert into registro values(null,null,16,'2020-04-20 11:43:50','2020-04-20 11:53:25');*

6503. *insert into registro values(null,null,17,'2020-04-20 11:48:57','2020-04-20 11:54:19');*

6504. *insert into registro values(null,null,18,'2020-04-20 11:57:31','2020-04-20 12:05:33');*

6505. *insert into registro values(null,null,19,'2020-04-20 11:57:37','2020-04-20 12:06:52');*

6506. *insert into registro values(null,null,20,'2020-04-20 11:59:56','2020-04-20 12:05:43');*

6507. *insert into registro values(null,null,21,'2020-04-20 12:01:02','2020-04-20 12:16:19');*

6508. *insert into registro values(null,null,22,'2020-04-20 12:02:09','2020-04-20 12:10:55');*

6509. *insert into registro values(null,null,23,'2020-04-20 12:10:38','2020-04-20 12:24:16');*

6510. *insert into registro values(null,null,4,'2020-04-21 11:03:57','2020-04-21 11:14:20');*

6511. *insert into registro values(null,null,5,'2020-04-21 11:11:03','2020-04-21 11:20:11');*

6512. *insert into registro values(null,null,6,'2020-04-21 11:16:14','2020-04-21 11:31:06');*

6513. *insert into registro values(null,null,7,'2020-04-21 11:16:23','2020-04-21 11:21:14');*

6514. *insert into registro values(null,null,8,'2020-04-21 11:18:42','2020-04-21 11:29:25');*

6515. *insert into registro values(null,null,9,'2020-04-21 11:24:53','2020-04-21 11:33:45');*

6516. *insert into registro values(null,null,10,'2020-04-21 11:29:59','2020-04-21 11:35:36');*

6517. *insert into registro values(null,null,11,'2020-04-21 11:35:52','2020-04-21 11:41:04');*

6518. *insert into registro values(null,null,12,'2020-04-21 11:41:59','2020-04-21 11:55:28');*

6519. *insert into registro values(null,null,13,'2020-04-21 11:43:09','2020-04-21 11:58:29');*

6520. *insert into registro values(null,null,14,'2020-04-21 11:46:58','2020-04-21 11:58:40');*

6521. *insert into registro values(null,null,15,'2020-04-21 11:54:24','2020-04-21 12:06:18');*

6522. *insert into registro values(null,null,16,'2020-04-21 11:54:53','2020-04-21 12:03:33');*

6523. *insert into registro values(null,null,17,'2020-04-21 11:59:59','2020-04-21 12:12:28');*

6524. *insert into registro values(null,null,18,'2020-04-21 12:02:47','2020-04-21 12:13:23');*

6525. *insert into registro values(null,null,19,'2020-04-21 12:05:58','2020-04-21 12:19:36');*

6526. *insert into registro values(null,null,20,'2020-04-21 12:08:57','2020-04-21 12:17:51');*

6527. *insert into registro values(null,null,21,'2020-04-21 12:15:07','2020-04-21 12:28:09');*

6528. *insert into registro values(null,null,22,'2020-04-21 12:15:38','2020-04-21 12:26:24');*

6529. *insert into registro values(null,null,23,'2020-04-21 12:19:57','2020-04-21 12:29:11');*

6530. *insert into registro values(null,null,4,'2020-04-22 11:03:04','2020-04-22 11:09:44');*

6531. *insert into registro values(null,null,5,'2020-04-22 11:06:30','2020-04-22 11:11:09');*

6532. *insert into registro values(null,null,6,'2020-04-22 11:13:47','2020-04-22 11:27:19');*

6533. *insert into registro values(null,10,null,'2020-04-22 11:16:12','2020-10-22 11:36:01');*

6534. *insert into registro values(null,null,7,'2020-04-22 11:16:53','2020-04-22 11:26:31');*

6535. *insert into registro values(null,null,8,'2020-04-22 11:20:59','2020-04-22 11:33:36');*

6536. *insert into registro values(null,null,9,'2020-04-22 11:27:01','2020-04-22 11:34:45');*

6537. *insert into registro values(null,null,10,'2020-04-22 11:30:30','2020-04-22 11:43:55');*

6538. *insert into registro values(null,null,11,'2020-04-22 11:38:53','2020-04-22 11:44:12');*

6539. *insert into registro values(null,null,12,'2020-04-22 11:41:59','2020-04-22 11:55:22');*

6540. *insert into registro values(null,null,13,'2020-04-22 11:50:16','2020-04-22 12:02:18');*

6541. *insert into registro values(null,null,14,'2020-04-22 11:51:27','2020-04-22 12:05:59');*

6542. *insert into registro values(null,null,15,'2020-04-22 11:51:46','2020-04-22 12:06:02');*

6543. *insert into registro values(null,null,16,'2020-04-22 11:54:58','2020-04-22 12:07:38');*

6544. *insert into registro values(null,null,17,'2020-04-22 11:55:05','2020-04-22 12:08:24');*

6545. *insert into registro values(null,null,18,'2020-04-22 11:56:20','2020-04-22 12:07:57');*

6546. *insert into registro values(null,null,19,'2020-04-22 11:56:53','2020-04-22 12:05:05');*

6547. *insert into registro values(null,null,20,'2020-04-22 11:57:59','2020-04-22 12:12:26');*

6548. *insert into registro values(null,null,21,'2020-04-22 11:59:25','2020-04-22 12:07:44');*

6549. *insert into registro values(null,null,22,'2020-04-22 12:03:32','2020-04-22 12:17:43');*

6550. *insert into registro values(null,null,23,'2020-04-22 12:04:43','2020-04-22 12:18:48');*

6551. *insert into registro values(null,null,4,'2020-04-23 11:03:32','2020-04-23 11:09:25');*

6552. *insert into registro values(null,null,5,'2020-04-23 11:03:54','2020-04-23 11:09:48');*

6553. *insert into registro values(null,null,6,'2020-04-23 11:11:07','2020-04-23 11:23:18');*

6554. *insert into registro values(null,null,7,'2020-04-23 11:11:41','2020-04-23 11:21:10');*

6555. *insert into registro values(null,null,8,'2020-04-23 11:15:48','2020-04-23 11:21:17');*

6556. *insert into registro values(null,null,9,'2020-04-23 11:21:56','2020-04-23 11:28:44');*

6557. *insert into registro values(null,null,10,'2020-04-23 11:28:27','2020-04-23 11:39:16');*

6558. *insert into registro values(null,null,11,'2020-04-23 11:31:43','2020-04-23 11:43:38');*

6559. *insert into registro values(null,null,12,'2020-04-23 11:38:54','2020-04-23 11:46:51');*

6560. *insert into registro values(null,null,13,'2020-04-23 11:40:04','2020-04-23 11:50:27');*

6561. *insert into registro values(null,null,14,'2020-04-23 11:41:11','2020-04-23 11:53:23');*

6562. *insert into registro values(null,null,15,'2020-04-23 11:46:39','2020-04-23 11:52:24');*

6563. *insert into registro values(null,null,16,'2020-04-23 11:51:47','2020-04-23 11:58:08');*

6564. *insert into registro values(null,null,17,'2020-04-23 11:56:58','2020-04-23 12:10:17');*

6565. *insert into registro values(null,null,18,'2020-04-23 11:57:59','2020-04-23 12:11:19');*

6566. *insert into registro values(null,null,19,'2020-04-23 11:59:08','2020-04-23 12:05:37');*

6567. *insert into registro values(null,null,20,'2020-04-23 12:01:40','2020-04-23 12:12:29');*

6568. *insert into registro values(null,null,21,'2020-04-23 12:05:46','2020-04-23 12:18:11');*

6569. *insert into registro values(null,null,22,'2020-04-23 12:07:59','2020-04-23 12:15:08');*

6570. *insert into registro values(null,null,23,'2020-04-23 12:13:48','2020-04-23 12:26:48');*

6571. *insert into registro values(null,11,null,'2020-04-23 12:28:21','2020-04-23 12:39:26');*

6572. *insert into registro values(null,null,4,'2020-04-24 11:04:56','2020-04-24 11:16:16');*

6573. *insert into registro values(null,null,5,'2020-04-24 11:08:58','2020-04-24 11:15:55');*

6574. *insert into registro values(null,null,6,'2020-04-24 11:09:25','2020-04-24 11:19:43');*

6575. *insert into registro values(null,null,7,'2020-04-24 11:09:55','2020-04-24 11:23:40');*

6576. *insert into registro values(null,null,8,'2020-04-24 11:15:18','2020-04-24 11:21:54');*

6577. *insert into registro values(null,null,9,'2020-04-24 11:17:53','2020-04-24 11:23:12');*

6578. *insert into registro values(null,null,10,'2020-04-24 11:19:59','2020-04-24 11:33:13');*

6579. *insert into registro values(null,null,11,'2020-04-24 11:20:48','2020-04-24 11:29:33');*

6580. *insert into registro values(null,null,12,'2020-04-24 11:24:58','2020-04-24 11:37:11');*

6581. *insert into registro values(null,null,13,'2020-04-24 11:33:09','2020-04-24 11:42:53');*

6582. *insert into registro values(null,null,14,'2020-04-24 11:38:38','2020-04-24 11:51:51');*

6583. *insert into registro values(null,null,15,'2020-04-24 11:42:59','2020-04-24 11:50:38');*

6584. *insert into registro values(null,null,16,'2020-04-24 11:47:12','2020-04-24 11:53:36');*

6585. *insert into registro values(null,null,17,'2020-04-24 11:54:34','2020-04-24 12:01:47');*

6586. *insert into registro values(null,null,18,'2020-04-24 11:54:52','2020-04-24 12:02:21');*

6587. *insert into registro values(null,null,19,'2020-04-24 11:54:59','2020-04-24 12:05:02');*

6588. *insert into registro values(null,null,20,'2020-04-24 11:55:54','2020-04-24 12:01:35');*

6589. *insert into registro values(null,null,21,'2020-04-24 11:58:44','2020-04-24 12:04:51');*

6590. *insert into registro values(null,null,22,'2020-04-24 11:58:52','2020-04-24 12:10:01');*

6591. *insert into registro values(null,null,23,'2020-04-24 11:59:58','2020-04-24 12:11:22');*

6592. *insert into registro values(null,null,4,'2020-04-25 11:04:17','2020-04-25 11:15:46');*

6593. *insert into registro values(null,null,5,'2020-04-25 11:07:36','2020-04-25 11:18:35');*

6594. *insert into registro values(null,null,6,'2020-04-25 11:09:43','2020-04-25 11:17:27');*

6595. *insert into registro values(null,null,7,'2020-04-25 11:12:54','2020-04-25 11:25:12');*

6596. *insert into registro values(null,null,8,'2020-04-25 11:16:08','2020-04-25 11:25:58');*

6597. *insert into registro values(null,null,9,'2020-04-25 11:23:26','2020-04-25 11:29:15');*

6598. *insert into registro values(null,null,10,'2020-04-25 11:26:37','2020-04-25 11:40:51');*

6599. *insert into registro values(null,null,11,'2020-04-25 11:33:44','2020-04-25 11:46:56');*

6600. *insert into registro values(null,null,12,'2020-04-25 11:39:59','2020-04-25 11:44:49');*

6601. *insert into registro values(null,null,13,'2020-04-25 11:48:53','2020-04-25 11:53:58');*

6602. *insert into registro values(null,null,14,'2020-04-25 11:49:59','2020-04-25 11:58:08');*

6603. *insert into registro values(null,null,15,'2020-04-25 11:51:39','2020-04-25 12:01:41');*

6604. *insert into registro values(null,null,16,'2020-04-25 11:59:55','2020-04-25 12:10:42');*

6605. *insert into registro values(null,null,17,'2020-04-25 12:01:34','2020-04-25 12:07:24');*

6606. *insert into registro values(null,null,18,'2020-04-25 12:05:57','2020-04-25 12:10:12');*

6607. *insert into registro values(null,null,19,'2020-04-25 12:09:01','2020-04-25 12:16:13');*

6608. *insert into registro values(null,null,20,'2020-04-25 12:14:20','2020-04-25 12:23:09');*

6609. *insert into registro values(null,null,21,'2020-04-25 12:20:34','2020-04-25 12:32:17');*

6610. *insert into registro values(null,null,22,'2020-04-25 12:21:49','2020-04-25 12:33:24');*

6611. *insert into registro values(null,null,23,'2020-04-25 12:25:56','2020-04-25 12:38:11');*

6612. *insert into registro values(null,null,4,'2020-04-26 11:01:49','2020-04-26 11:13:51');*

6613. *insert into registro values(null,null,5,'2020-04-26 11:09:58','2020-04-26 11:17:45');*

6614. *insert into registro values(null,null,6,'2020-04-26 11:15:48','2020-04-26 11:26:04');*

6615. *insert into registro values(null,null,7,'2020-04-26 11:21:54','2020-04-26 11:34:45');*

6616. *insert into registro values(null,null,8,'2020-04-26 11:29:11','2020-04-26 11:37:14');*

6617. *insert into registro values(null,null,9,'2020-04-26 11:36:17','2020-04-26 11:49:01');*

6618. *insert into registro values(null,null,10,'2020-04-26 11:39:59','2020-04-26 11:52:12');*

6619. *insert into registro values(null,null,11,'2020-04-26 11:47:05','2020-04-26 11:55:53');*

6620. *insert into registro values(null,null,12,'2020-04-26 11:49:20','2020-04-26 11:59:54');*

6621. *insert into registro values(null,null,13,'2020-04-26 11:49:38','2020-04-26 11:54:59');*

6622. *insert into registro values(null,null,14,'2020-04-26 11:52:49','2020-04-26 11:58:59');*

6623. *insert into registro values(null,null,15,'2020-04-26 11:53:58','2020-04-26 12:01:48');*

6624. *insert into registro values(null,null,16,'2020-04-26 11:57:35','2020-04-26 12:12:15');*

6625. *insert into registro values(null,null,17,'2020-04-26 11:58:47','2020-04-26 12:12:43');*

6626. *insert into registro values(null,null,18,'2020-04-26 11:59:54','2020-04-26 12:10:49');*

6627. *insert into registro values(null,null,19,'2020-04-26 12:04:47','2020-04-26 12:10:14');*

6628.   *insert into registro values(null,null,20,'2020-04-26 12:05:54','2020-04-26 12:13:13');*

6629.   *insert into registro values(null,null,21,'2020-04-26 12:06:20','2020-04-26 12:13:20');*

6630.   *insert into registro values(null,null,22,'2020-04-26 12:12:54','2020-04-26 12:25:22');*

6631.   *insert into registro values(null,null,23,'2020-04-26 12:16:15','2020-04-26 12:25:30');*

6632.   *insert into registro values(null,null,4,'2020-04-27 11:01:37','2020-04-27 11:16:52');*

6633.   *insert into registro values(null,null,5,'2020-04-27 11:09:55','2020-04-27 11:20:20');*

6634.   *insert into registro values(null,null,6,'2020-04-27 11:16:33','2020-04-27 11:25:46');*

6635.   *insert into registro values(null,null,7,'2020-04-27 11:24:50','2020-04-27 11:33:40');*

6636.   *insert into registro values(null,8,null,'2020-04-27 11:28:28','2020-04-27 11:42:26');*

6637.   *insert into registro values(null,null,8,'2020-04-27 11:32:56','2020-04-27 11:42:12');*

6638.   *insert into registro values(null,null,9,'2020-04-27 11:35:41','2020-04-27 11:48:54');*

6639.   *insert into registro values(null,null,10,'2020-04-27 11:39:58','2020-04-27 11:45:21');*

6640.   *insert into registro values(null,null,11,'2020-04-27 11:41:56','2020-04-27 11:55:43');*

6641.   *insert into registro values(null,null,12,'2020-04-27 11:42:12','2020-04-27 11:55:44');*

6642.   *insert into registro values(null,null,13,'2020-04-27 11:46:41','2020-04-27 11:57:24');*

6643.   *insert into registro values(null,null,14,'2020-04-27 11:47:53','2020-04-27 11:52:06');*

6644.   *insert into registro values(null,null,15,'2020-04-27 11:52:59','2020-04-27 12:08:26');*

6645.   *insert into registro values(null,null,16,'2020-04-27 11:53:30','2020-04-27 12:59:08');*

6646.   *insert into registro values(null,null,17,'2020-04-27 11:57:39','2020-04-27 12:08:04');*

6647.   *insert into registro values(null,null,18,'2020-04-27 11:57:57','2020-04-27 12:06:37');*

6648.   *insert into registro values(null,null,19,'2020-04-27 11:59:42','2020-04-27 12:11:01');*

6649.   *insert into registro values(null,null,20,'2020-04-27 12:01:54','2020-04-27 12:12:26');*

6650.   *insert into registro values(null,null,21,'2020-04-27 12:06:38','2020-04-27 12:16:09');*

6651.   *insert into registro values(null,null,22,'2020-04-27 12:11:59','2020-04-27 12:25:01');*

6652.   *insert into registro values(null,null,23,'2020-04-27 12:17:58','2020-04-27 12:29:33');*

6653.   *insert into registro values(null,null,4,'2020-04-28 11:01:40','2020-04-28 11:08:56');*

6654. *insert into registro values(null,null,5,'2020-04-28 11:01:58','2020-04-28 11:13:54');*

6655. *insert into registro values(null,null,6,'2020-04-28 11:07:54','2020-04-28 11:19:17');*

6656. *insert into registro values(null,null,7,'2020-04-28 11:08:18','2020-04-28 11:23:51');*

6657. *insert into registro values(null,null,8,'2020-04-28 11:13:58','2020-04-28 11:24:17');*

6658. *insert into registro values(null,null,9,'2020-04-28 11:22:22','2020-04-28 11:33:10');*

6659. *insert into registro values(null,null,10,'2020-04-28 11:26:42','2020-04-28 11:33:11');*

6660. *insert into registro values(null,null,11,'2020-04-28 11:28:58','2020-04-28 11:36:22');*

6661. *insert into registro values(null,null,12,'2020-04-28 11:35:54','2020-04-28 11:49:47');*

6662. *insert into registro values(null,null,13,'2020-04-28 11:36:01','2020-04-28 11:48:26');*

6663. *insert into registro values(null,null,14,'2020-04-28 11:36:15','2020-04-28 11:50:53');*

6664. *insert into registro values(null,null,15,'2020-04-28 11:41:59','2020-04-28 11:56:33');*

6665. *insert into registro values(null,null,16,'2020-04-28 11:42:47','2020-04-28 11:57:54');*

6666. *insert into registro values(null,null,17,'2020-04-28 11:47:59','2020-04-28 11:57:36');*

6667. *insert into registro values(null,null,18,'2020-04-28 11:53:41','2020-04-28 12:07:22');*

6668. *insert into registro values(null,null,19,'2020-04-28 11:58:47','2020-04-28 12:10:15');*

6669. *insert into registro values(null,null,20,'2020-04-28 11:59:57','2020-04-28 12:10:18');*

6670. *insert into registro values(null,null,21,'2020-04-28 12:03:59','2020-04-28 12:12:25');*

6671. *insert into registro values(null,null,22,'2020-04-28 12:09:26','2020-04-28 12:22:02');*

6672. *insert into registro values(null,null,23,'2020-04-28 12:11:58','2020-04-28 12:19:50');*

6673. *insert into registro values(null,null,4,'2020-04-29 11:01:22','2020-04-29 11:13:27');*

6674. *insert into registro values(null,null,5,'2020-04-29 11:02:44','2020-04-29 11:17:13');*

6675. *insert into registro values(null,null,6,'2020-04-29 11:08:51','2020-04-29 11:15:49');*

6676. *insert into registro values(null,null,7,'2020-04-29 11:13:58','2020-04-29 11:19:33');*

6677. *insert into registro values(null,null,8,'2020-04-29 11:14:13','2020-04-29 11:29:45');*

6678. *insert into registro values(null,null,9,'2020-04-29 11:22:25','2020-04-29 11:30:21');*

6679. *insert into registro values(null,null,10,'2020-04-29 11:22:53','2020-04-29 11:37:37');*

6680.	*insert into registro values(null,null,11,'2020-04-29 11:27:59','2020-04-29 11:35:27');*
6681.	*insert into registro values(null,null,12,'2020-04-29 11:31:02','2020-04-29 11:36:38');*
6682.	*insert into registro values(null,null,13,'2020-04-29 11:33:10','2020-04-29 11:48:52');*
6683.	*insert into registro values(null,null,14,'2020-04-29 11:40:29','2020-04-29 11:51:23');*
6684.	*insert into registro values(null,null,15,'2020-04-29 11:46:40','2020-04-29 12:02:15');*
6685.	*insert into registro values(null,null,16,'2020-04-29 11:49:49','2020-04-29 12:59:28');*
6686.	*insert into registro values(null,null,17,'2020-04-29 11:52:56','2020-04-29 12:58:05');*
6687.	*insert into registro values(null,null,18,'2020-04-29 11:59:05','2020-04-29 12:11:18');*
6688.	*insert into registro values(null,null,19,'2020-04-29 12:03:48','2020-04-29 12:17:26');*
6689.	*insert into registro values(null,null,20,'2020-04-29 12:06:59','2020-04-29 12:11:23');*
6690.	*insert into registro values(null,null,21,'2020-04-29 12:12:40','2020-04-29 12:27:47');*
6691.	*insert into registro values(null,null,22,'2020-04-29 12:17:49','2020-04-29 12:28:35');*
6692.	*insert into registro values(null,null,23,'2020-04-29 12:20:58','2020-04-29 12:25:03');*
6693.	*insert into registro values(null,null,4,'2020-04-30 11:03:56','2020-04-30 11:16:11');*
6694.	*insert into registro values(null,null,5,'2020-04-30 11:10:17','2020-04-30 11:19:35');*
6695.	*insert into registro values(null,null,6,'2020-04-30 11:12:31','2020-04-30 11:21:41');*
6696.	*insert into registro values(null,null,7,'2020-04-30 11:20:52','2020-04-30 11:32:11');*
6697.	*insert into registro values(null,null,8,'2020-04-30 11:28:58','2020-04-30 11:38:24');*
6698.	*insert into registro values(null,null,9,'2020-04-30 11:31:17','2020-04-30 11:43:28');*
6699.	*insert into registro values(null,null,10,'2020-04-30 11:35:23','2020-04-30 11:47:53');*
6700.	*insert into registro values(null,null,11,'2020-04-30 11:41:39','2020-04-30 11:55:53');*
6701.	*insert into registro values(null,null,12,'2020-04-30 11:42:57','2020-04-30 11:52:16');*
6702.	*insert into registro values(null,null,13,'2020-04-30 11:46:44','2020-04-30 11:55:08');*
6703.	*insert into registro values(null,null,14,'2020-04-30 11:46:57','2020-04-30 11:54:15');*
6704.	*insert into registro values(null,null,15,'2020-04-30 11:54:56','2020-04-30 12:07:04');*
6705.	*insert into registro values(null,null,16,'2020-04-30 11:59:29','2020-04-30 12:08:46');*

6706. *insert into registro values(null,null,17,'2020-04-30 12:02:50','2020-04-30 12:13:29');*

6707. *insert into registro values(null,null,18,'2020-04-30 12:09:56','2020-04-30 12:14:46');*

6708. *insert into registro values(null,null,19,'2020-04-30 12:16:52','2020-04-30 12:27:35');*

6709. *insert into registro values(null,null,20,'2020-04-30 12:17:59','2020-04-30 12:30:16');*

6710. *insert into registro values(null,null,21,'2020-04-30 12:25:34','2020-04-30 12:32:24');*

6711. *insert into registro values(null,null,22,'2020-04-30 12:26:56','2020-04-30 12:33:42');*

6712. *insert into registro values(null,null,23,'2020-04-30 12:29:33','2020-04-30 12:39:39');*

6713. *insert into registro values(null,null,4,'2020-05-01 11:04:27','2020-05-01 11:18:20');*

6714. *insert into registro values(null,null,5,'2020-05-01 11:12:33','2020-05-01 11:23:47');*

6715. *insert into registro values(null,null,6,'2020-05-01 11:18:59','2020-05-01 11:27:37');*

6716. *insert into registro values(null,null,7,'2020-05-01 11:23:22','2020-05-01 11:34:28');*

6717. *insert into registro values(null,null,8,'2020-05-01 11:24:59','2020-05-01 11:30:11');*

6718. *insert into registro values(null,null,9,'2020-05-01 11:33:58','2020-05-01 11:48:50');*

6719. *insert into registro values(null,null,10,'2020-05-01 11:34:59','2020-05-01 11:42:42');*

6720. *insert into registro values(null,null,11,'2020-05-01 11:36:45','2020-05-01 11:48:37');*

6721. *insert into registro values(null,null,12,'2020-05-01 11:37:54','2020-05-01 11:46:41');*

6722. *insert into registro values(null,null,13,'2020-05-01 11:41:39','2020-05-01 11:46:44');*

6723. *insert into registro values(null,null,14,'2020-05-01 11:48:54','2020-05-01 11:55:37');*

6724. *insert into registro values(null,null,15,'2020-05-01 11:50:48','2020-05-01 11:57:01');*

6725. *insert into registro values(null,null,16,'2020-05-01 11:58:55','2020-05-01 12:13:40');*

6726. *insert into registro values(null,null,17,'2020-05-01 12:04:45','2020-05-01 12:12:31');*

6727. *insert into registro values(null,null,18,'2020-05-01 12:12:52','2020-05-01 12:27:33');*

6728. *insert into registro values(null,null,19,'2020-05-01 12:14:58','2020-05-01 12:21:16');*

6729. *insert into registro values(null,null,20,'2020-05-01 12:18:18','2020-05-01 12:24:43');*

6730. *insert into registro values(null,null,21,'2020-05-01 12:22:38','2020-05-01 12:35:27');*

6731. *insert into registro values(null,null,22,'2020-05-01 12:29:53','2020-05-01 12:34:52');*

6732. *insert into registro values(null,null,23,'2020-05-01 12:33:59','2020-05-01 12:43:58');*

6733. *insert into registro values(null,null,4,'2020-05-02 11:03:59','2020-05-02 11:08:34');*

6734. *insert into registro values(null,null,5,'2020-05-02 11:06:47','2020-05-02 11:14:55');*

6735. *insert into registro values(null,null,6,'2020-05-02 11:12:53','2020-05-02 11:24:20');*

6736. *insert into registro values(null,null,7,'2020-05-02 11:14:59','2020-05-02 11:28:35');*

6737. *insert into registro values(null,null,8,'2020-05-02 11:17:49','2020-05-02 11:32:34');*

6738. *insert into registro values(null,null,9,'2020-05-02 11:17:56','2020-05-02 11:27:24');*

6739. *insert into registro values(null,null,10,'2020-05-02 11:26:16','2020-05-02 11:34:21');*

6740. *insert into registro values(null,null,11,'2020-05-02 11:33:45','2020-05-02 11:46:53');*

6741. *insert into registro values(null,null,12,'2020-05-02 11:38:57','2020-05-02 11:48:39');*

6742. *insert into registro values(null,null,13,'2020-05-02 11:46:10','2020-05-02 11:56:42');*

6743. *insert into registro values(null,null,14,'2020-05-02 11:51:57','2020-05-02 11:56:21');*

6744. *insert into registro values(null,null,15,'2020-05-02 11:55:26','2020-05-02 12:11:47');*

6745. *insert into registro values(null,null,16,'2020-05-02 11:57:57','2020-05-02 12:12:59');*

6746. *insert into registro values(null,null,17,'2020-05-02 11:59:09','2020-05-02 12:09:11');*

6747. *insert into registro values(null,null,18,'2020-05-02 12:02:21','2020-05-02 12:16:02');*

6748. *insert into registro values(null,null,19,'2020-05-02 12:06:47','2020-05-02 12:18:45');*

6749. *insert into registro values(null,null,20,'2020-05-02 12:11:54','2020-05-02 12:25:26');*

6750. *insert into registro values(null,null,21,'2020-05-02 12:12:17','2020-05-02 12:25:47');*

6751. *insert into registro values(null,null,22,'2020-05-02 12:19:50','2020-05-02 12:29:52');*

6752. *insert into registro values(null,null,23,'2020-05-02 12:24:56','2020-05-02 12:30:30');*

6753. *insert into registro values(null,null,4,'2020-05-03 11:02:26','2020-05-03 11:16:29');*

6754. *insert into registro values(null,null,5,'2020-05-03 11:09:41','2020-05-03 11:18:22');*

6755. *insert into registro values(null,null,6,'2020-05-03 11:09:54','2020-05-03 11:17:49');*

6756. *insert into registro values(null,null,7,'2020-05-03 11:17:29','2020-05-03 11:24:04');*

6757. *insert into registro values(null,null,8,'2020-05-03 11:25:58','2020-05-03 11:36:09');*

6758. insert into registro values(null,null,9,'2020-05-03 11:33:50','2020-05-03 11:41:38');

6759. insert into registro values(null,null,10,'2020-05-03 11:39:58','2020-05-03 11:51:36');

6760. insert into registro values(null,null,11,'2020-05-03 11:44:30','2020-05-03 11:58:56');

6761. insert into registro values(null,null,12,'2020-05-03 11:51:55','2020-05-03 12:02:25');

6762. insert into registro values(null,null,13,'2020-05-03 11:59:40','2020-05-03 12:12:56');

6763. insert into registro values(null,null,14,'2020-05-03 12:03:58','2020-05-03 12:16:35');

6764. insert into registro values(null,null,15,'2020-05-03 12:11:10','2020-05-03 12:23:38');

6765. insert into registro values(null,null,16,'2020-05-03 12:16:25','2020-05-03 12:27:28');

6766. insert into registro values(null,null,17,'2020-05-03 12:22:31','2020-05-03 12:36:29');

6767. insert into registro values(null,null,18,'2020-05-03 12:23:42','2020-05-03 12:36:56');

6768. insert into registro values(null,null,19,'2020-05-03 12:30:55','2020-05-03 12:45:08');

6769. insert into registro values(null,null,20,'2020-05-03 12:31:02','2020-05-03 12:38:16');

6770. insert into registro values(null,null,21,'2020-05-03 12:36:23','2020-05-03 12:45:45');

6771. insert into registro values(null,null,22,'2020-05-03 12:41:36','2020-05-03 12:47:44');

6772. insert into registro values(null,null,23,'2020-05-03 12:46:49','2020-05-03 12:51:39');

6773. insert into registro values(null,null,4,'2020-05-04 11:01:46','2020-05-04 11:15:22');

6774. insert into registro values(null,null,5,'2020-05-04 11:05:57','2020-05-04 11:15:17');

6775. insert into registro values(null,null,6,'2020-05-04 11:08:04','2020-05-04 11:14:36');

6776. insert into registro values(null,null,7,'2020-05-04 11:16:23','2020-05-04 11:25:46');

6777. insert into registro values(null,null,8,'2020-05-04 11:16:31','2020-05-04 11:31:46');

6778. insert into registro values(null,null,9,'2020-05-04 11:16:53','2020-05-04 11:24:18');

6779. insert into registro values(null,null,10,'2020-05-04 11:24:59','2020-05-04 11:38:03');

6780. insert into registro values(null,null,11,'2020-05-04 11:32:55','2020-05-04 11:45:46');

6781. insert into registro values(null,null,12,'2020-05-04 11:39:12','2020-05-04 11:49:16');

6782. insert into registro values(null,null,13,'2020-05-04 11:43:54','2020-05-04 11:56:58');

6783. insert into registro values(null,null,14,'2020-05-04 11:49:37','2020-05-04 11:55:30');

6784. insert into registro values(null,null,15,'2020-05-04 11:53:56','2020-05-04 12:09:48');

6785. insert into registro values(null,null,16,'2020-05-04 11:57:23','2020-05-04 12:08:06');

6786. insert into registro values(null,null,17,'2020-05-04 11:57:33','2020-05-04 12:03:56');

6787. insert into registro values(null,null,18,'2020-05-04 11:58:49','2020-05-04 12:06:19');

6788. insert into registro values(null,null,19,'2020-05-04 11:58:56','2020-05-04 12:10:07');

6789. insert into registro values(null,null,20,'2020-05-04 12:04:54','2020-05-04 12:18:09');

6790. insert into registro values(null,null,21,'2020-05-04 12:08:45','2020-05-04 12:19:24');

6791. insert into registro values(null,null,22,'2020-05-04 12:12:54','2020-05-04 12:27:05');

6792. insert into registro values(null,null,23,'2020-05-04 12:16:01','2020-05-04 12:28:57');

6793. insert into registro values(null,null,4,'2020-05-05 11:02:01','2020-05-05 11:10:21');

6794. insert into registro values(null,null,5,'2020-05-05 11:05:46','2020-05-05 11:19:25');

6795. insert into registro values(null,null,6,'2020-05-05 11:12:54','2020-05-05 11:22:41');

6796. insert into registro values(null,null,7,'2020-05-05 11:17:47','2020-05-05 11:27:49');

6797. insert into registro values(null,null,8,'2020-05-05 11:22:54','2020-05-05 11:35:49');

6798. insert into registro values(null,null,9,'2020-05-05 11:31:20','2020-05-05 11:36:26');

6799. insert into registro values(null,null,10,'2020-05-05 11:39:44','2020-05-05 11:45:44');

6800. insert into registro values(null,null,11,'2020-05-05 11:39:57','2020-05-05 11:47:23');

6801. insert into registro values(null,null,12,'2020-05-05 11:41:06','2020-05-05 11:47:21');

6802. insert into registro values(null,null,13,'2020-05-05 11:43:40','2020-05-05 11:53:38');

6803. insert into registro values(null,null,14,'2020-05-05 11:45:54','2020-05-05 11:54:42');

6804. insert into registro values(null,null,15,'2020-05-05 11:51:29','2020-05-05 11:58:05');

6805. insert into registro values(null,null,16,'2020-05-05 11:59:53','2020-05-05 12:06:59');

6806. insert into registro values(null,null,17,'2020-05-05 12:01:59','2020-05-05 12:16:37');

6807. insert into registro values(null,null,18,'2020-05-05 12:02:08','2020-05-05 12:16:32');

6808. insert into registro values(null,null,19,'2020-05-05 12:05:54','2020-05-05 12:18:30');

6809. insert into registro values(null,null,20,'2020-05-05 12:07:21','2020-05-05 12:12:11');

6810. *insert into registro values(null,null,21,'2020-05-05 12:12:49','2020-05-05 12:23:19');*

6811. *insert into registro values(null,null,22,'2020-05-05 12:17:55','2020-05-05 12:24:52');*

6812. *insert into registro values(null,null,23,'2020-05-05 12:23:50','2020-05-05 12:38:04');*

6813. *insert into registro values(null,null,4,'2020-05-06 11:02:37','2020-05-06 11:11:09');*

6814. *insert into registro values(null,null,5,'2020-05-06 11:09:58','2020-05-06 11:24:55');*

6815. *insert into registro values(null,null,6,'2020-05-06 11:11:25','2020-05-06 11:20:45');*

6816. *insert into registro values(null,null,7,'2020-05-06 11:16:50','2020-05-06 11:31:27');*

6817. *insert into registro values(null,null,8,'2020-05-06 11:19:59','2020-05-06 11:25:53');*

6818. *insert into registro values(null,null,9,'2020-05-06 11:28:10','2020-05-06 11:41:36');*

6819. *insert into registro values(null,null,10,'2020-05-06 11:32:42','2020-05-06 11:45:55');*

6820. *insert into registro values(null,null,11,'2020-05-06 11:33:56','2020-05-06 11:48:32');*

6821. *insert into registro values(null,null,12,'2020-05-06 11:35:55','2020-05-06 11:48:17');*

6822. *insert into registro values(null,null,13,'2020-05-06 11:40:58','2020-05-06 11:49:18');*

6823. *insert into registro values(null,null,14,'2020-05-06 11:41:45','2020-05-06 11:56:39');*

6824. *insert into registro values(null,null,15,'2020-05-06 11:45:58','2020-05-06 11:53:38');*

6825. *insert into registro values(null,null,16,'2020-05-06 11:54:43','2020-05-06 11:59:43');*

6826. *insert into registro values(null,null,17,'2020-05-06 11:59:53','2020-05-06 12:11:25');*

6827. *insert into registro values(null,null,18,'2020-05-06 12:02:59','2020-05-06 12:11:35');*

6828. *insert into registro values(null,null,19,'2020-05-06 12:11:15','2020-05-06 12:23:08');*

6829. *insert into registro values(null,null,20,'2020-05-06 12:12:44','2020-05-06 12:23:52');*

6830. *insert into registro values(null,null,21,'2020-05-06 12:14:52','2020-05-06 12:29:44');*

6831. *insert into registro values(null,null,22,'2020-05-06 12:22:59','2020-05-06 12:34:09');*

6832. *insert into registro values(null,null,23,'2020-05-06 12:29:27','2020-05-06 12:35:19');*

6833. *insert into registro values(null,null,4,'2020-05-07 11:03:54','2020-05-07 11:11:46');*

6834. *insert into registro values(null,null,5,'2020-05-07 11:04:22','2020-05-07 11:17:39');*

6835. *insert into registro values(null,null,6,'2020-05-07 11:10:28','2020-05-07 11:17:19');*

6836. *insert into registro values(null,null,7,'2020-05-07 11:17:40','2020-05-07 11:25:58');*

6837. *insert into registro values(null,null,8,'2020-05-07 11:23:49','2020-05-07 11:29:46');*

6838. *insert into registro values(null,null,9,'2020-05-07 11:28:56','2020-05-07 11:39:42');*

6839. *insert into registro values(null,null,10,'2020-05-07 11:30:37','2020-05-07 11:35:08');*

6840. *insert into registro values(null,null,11,'2020-05-07 11:35:49','2020-05-07 11:48:47');*

6841. *insert into registro values(null,null,12,'2020-05-07 11:38:58','2020-05-07 11:49:30');*

6842. *insert into registro values(null,null,13,'2020-05-07 11:42:41','2020-05-07 11:48:17');*

6843. *insert into registro values(null,null,14,'2020-05-07 11:42:48','2020-05-07 11:53:37');*

6844. *insert into registro values(null,null,15,'2020-05-07 11:47:58','2020-05-07 12:03:28');*

6845. *insert into registro values(null,null,16,'2020-05-07 11:53:12','2020-05-07 12:01:34');*

6846. *insert into registro values(null,null,17,'2020-05-07 11:55:39','2020-05-07 12:07:06');*

6847. *insert into registro values(null,null,18,'2020-05-07 11:58:53','2020-05-07 12:11:09');*

6848. *insert into registro values(null,null,19,'2020-05-07 11:58:59','2020-05-07 12:08:08');*

6849. *insert into registro values(null,null,20,'2020-05-07 12:04:47','2020-05-07 12:11:51');*

6850. *insert into registro values(null,null,21,'2020-05-07 12:09:57','2020-05-07 12:16:25');*

6851. *insert into registro values(null,null,22,'2020-05-07 12:18:46','2020-05-07 12:30:12');*

6852. *insert into registro values(null,null,23,'2020-05-07 12:21:59','2020-05-07 12:26:13');*

6853. *insert into registro values(null,null,4,'2020-05-08 11:04:58','2020-05-08 11:12:57');*

6854. *insert into registro values(null,null,5,'2020-05-08 11:08:26','2020-05-08 11:16:52');*

6855. *insert into registro values(null,null,6,'2020-05-08 11:11:45','2020-05-08 11:16:25');*

6856. *insert into registro values(null,null,7,'2020-05-08 11:11:52','2020-05-08 11:26:34');*

6857. *insert into registro values(null,null,8,'2020-05-08 11:16:58','2020-05-08 11:21:14');*

6858. *insert into registro values(null,null,9,'2020-05-08 11:23:02','2020-05-08 11:34:57');*

6859. *insert into registro values(null,null,10,'2020-05-08 11:26:44','2020-05-08 11:31:04');*

6860. *insert into registro values(null,null,11,'2020-05-08 11:30:52','2020-05-08 11:39:11');*

6861. *insert into registro values(null,null,12,'2020-05-08 11:31:59','2020-05-08 11:41:40');*

6862. *insert into registro values(null,null,13,'2020-05-08 11:32:14','2020-05-08 11:39:21');*

6863. *insert into registro values(null,null,14,'2020-05-08 11:38:24','2020-05-08 11:51:44');*

6864. *insert into registro values(null,null,15,'2020-05-08 11:41:57','2020-05-08 11:55:57');*

6865. *insert into registro values(null,null,16,'2020-05-08 11:43:48','2020-05-08 11:51:21');*

6866. *insert into registro values(null,null,17,'2020-05-08 11:43:54','2020-05-08 11:57:31');*

6867. *insert into registro values(null,null,18,'2020-05-08 11:47:57','2020-05-08 12:02:11');*

6868. *insert into registro values(null,null,19,'2020-05-08 11:54:01','2020-05-08 12:01:26');*

6869. *insert into registro values(null,null,20,'2020-05-08 11:54:43','2020-05-08 12:08:37');*

6870. *insert into registro values(null,null,21,'2020-05-08 11:58:53','2020-05-08 12:12:52');*

6871. *insert into registro values(null,null,22,'2020-05-08 11:59:59','2020-05-08 12:13:38');*

6872. *insert into registro values(null,null,23,'2020-05-08 12:02:24','2020-05-08 12:10:27');*

6873. *insert into registro values(null,null,4,'2020-05-09 11:02:24','2020-05-09 11:16:38');*

6874. *insert into registro values(null,null,5,'2020-05-09 11:02:31','2020-05-09 11:12:58');*

6875. *insert into registro values(null,null,6,'2020-05-09 11:02:41','2020-05-09 11:10:13');*

6876. *insert into registro values(null,null,7,'2020-05-09 11:03:51','2020-05-09 11:09:13');*

6877. *insert into registro values(null,null,8,'2020-05-09 11:09:58','2020-05-09 11:22:57');*

6878. *insert into registro values(null,null,9,'2020-05-09 11:12:06','2020-05-09 11:18:29');*

6879. *insert into registro values(null,null,10,'2020-05-09 11:20:18','2020-05-09 11:35:52');*

6880. *insert into registro values(null,null,11,'2020-05-09 11:23:49','2020-05-09 11:34:37');*

6881. *insert into registro values(null,null,12,'2020-05-09 11:25:57','2020-05-09 11:38:28');*

6882. *insert into registro values(null,null,13,'2020-05-09 11:30:57','2020-05-09 11:37:33');*

6883. *insert into registro values(null,null,14,'2020-05-09 11:38:51','2020-05-09 11:52:17');*

6884. *insert into registro values(null,null,15,'2020-05-09 11:43:57','2020-05-09 11:52:16');*

6885. *insert into registro values(null,null,16,'2020-05-09 11:47:44','2020-05-09 11:53:43');*

6886. *insert into registro values(null,null,17,'2020-05-09 11:51:57','2020-05-09 11:56:53');*

6887. *insert into registro values(null,null,18,'2020-05-09 11:53:07','2020-05-09 12:06:44');*

6888. *insert into registro values(null,null,19,'2020-05-09 11:58:56','2020-05-09 12:14:18');*

6889. *insert into registro values(null,null,20,'2020-05-09 12:04:22','2020-05-09 12:16:46');*

6890. *insert into registro values(null,null,21,'2020-05-09 12:08:55','2020-05-09 12:20:19');*

6891. *insert into registro values(null,null,22,'2020-05-09 12:13:43','2020-05-09 12:24:44');*

6892. *insert into registro values(null,null,23,'2020-05-09 12:19:50','2020-05-09 12:31:40');*

6893. *insert into registro values(null,null,4,'2020-05-10 11:02:35','2020-05-10 11:08:03');*

6894. *insert into registro values(null,null,5,'2020-05-10 11:06:59','2020-05-10 11:14:43');*

6895. *insert into registro values(null,null,6,'2020-05-10 11:08:26','2020-05-10 11:23:09');*

6896. *insert into registro values(null,null,7,'2020-05-10 11:09:32','2020-05-10 11:17:26');*

6897. *insert into registro values(null,null,8,'2020-05-10 11:14:57','2020-05-10 11:27:25');*

6898. *insert into registro values(null,null,9,'2020-05-10 11:19:51','2020-05-10 11:24:20');*

6899. *insert into registro values(null,null,10,'2020-05-10 11:27:57','2020-05-10 11:33:48');*

6900. *insert into registro values(null,null,11,'2020-05-10 11:31:42','2020-05-10 11:40:16');*

6901. *insert into registro values(null,null,12,'2020-05-10 11:33:53','2020-05-10 11:39:47');*

6902. *insert into registro values(null,null,13,'2020-05-10 11:40:59','2020-05-10 11:52:33');*

6903. *insert into registro values(null,null,14,'2020-05-10 11:47:07','2020-05-10 11:52:25');*

6904. *insert into registro values(null,null,15,'2020-05-10 11:49:57','2020-05-10 11:59:25');*

6905. *insert into registro values(null,null,16,'2020-05-10 11:56:11','2020-05-10 12:06:25');*

6906. *insert into registro values(null,null,17,'2020-05-10 11:56:30','2020-05-10 12:06:26');*

6907. *insert into registro values(null,null,18,'2020-05-10 11:59:59','2020-05-10 12:12:01');*

6908. *insert into registro values(null,null,19,'2020-05-10 12:04:38','2020-05-10 12:15:44');*

6909. *insert into registro values(null,null,20,'2020-05-10 12:04:59','2020-05-10 12:19:08');*

6910. *insert into registro values(null,null,21,'2020-05-10 12:07:01','2020-05-10 12:22:23');*

6911. *insert into registro values(null,null,22,'2020-05-10 12:12:26','2020-05-10 12:23:12');*

6912. *insert into registro values(null,null,23,'2020-05-10 12:20:41','2020-05-10 12:27:51');*

6913. *insert into registro values(null,null,4,'2020-05-11 11:01:44','2020-05-11 11:08:41');*

6914. *insert into registro values(null,null,5,'2020-05-11 11:07:51','2020-05-11 11:16:05');*

6915. *insert into registro values(null,null,6,'2020-05-11 11:07:59','2020-05-11 11:15:20');*

6916. *insert into registro values(null,null,7,'2020-05-11 11:09:31','2020-05-11 11:18:53');*

6917. *insert into registro values(null,null,8,'2020-05-11 11:15:56','2020-05-11 11:28:34');*

6918. *insert into registro values(null,null,9,'2020-05-11 11:19:06','2020-05-11 11:31:40');*

6919. *insert into registro values(null,null,10,'2020-05-11 11:23:57','2020-05-11 11:32:46');*

6920. *insert into registro values(null,null,11,'2020-05-11 11:31:08','2020-05-11 11:37:02');*

6921. *insert into registro values(null,null,12,'2020-05-11 11:39:51','2020-05-11 11:45:48');*

6922. *insert into registro values(null,null,13,'2020-05-11 11:43:58','2020-05-11 11:51:39');*

6923. *insert into registro values(null,null,14,'2020-05-11 11:51:33','2020-05-11 12:07:44');*

6924. *insert into registro values(null,null,15,'2020-05-11 11:53:57','2020-05-11 12:07:16');*

6925. *insert into registro values(null,null,16,'2020-05-11 11:56:50','2020-05-11 12:05:13');*

6926. *insert into registro values(null,null,17,'2020-05-11 11:57:56','2020-05-11 12:04:25');*

6927. *insert into registro values(null,null,18,'2020-05-11 11:59:20','2020-05-11 12:05:46');*

6928. *insert into registro values(null,null,19,'2020-05-11 12:01:36','2020-05-11 12:16:32');*

6929. *insert into registro values(null,null,20,'2020-05-11 12:02:42','2020-05-11 12:13:55');*

6930. *insert into registro values(null,null,21,'2020-05-11 12:09:54','2020-05-11 12:23:02');*

6931. *insert into registro values(null,null,22,'2020-05-11 12:10:31','2020-05-11 12:24:38');*

6932. *insert into registro values(null,null,23,'2020-05-11 12:18:50','2020-05-11 12:33:12');*

6933. *insert into registro values(null,null,4,'2020-05-12 11:02:31','2020-05-12 11:11:35');*

6934. *insert into registro values(null,null,5,'2020-05-12 11:09:53','2020-05-12 11:21:22');*

6935. *insert into registro values(null,null,6,'2020-05-12 11:17:59','2020-05-12 11:22:35');*

6936. *insert into registro values(null,null,7,'2020-05-12 11:24:39','2020-05-12 11:31:45');*

6937. *insert into registro values(null,null,8,'2020-05-12 11:24:48','2020-05-12 11:30:06');*

6938. *insert into registro values(null,null,9,'2020-05-12 11:28:58','2020-05-12 11:42:35');*

6939. *insert into registro values(null,null,10,'2020-05-12 11:36:56','2020-05-12 11:49:06');*

6940. *insert into registro values(null,null,11,'2020-05-12 11:39:44','2020-05-12 11:49:42');*

6941. *insert into registro values(null,null,12,'2020-05-12 11:42:56','2020-05-12 11:56:57');*

6942. *insert into registro values(null,null,13,'2020-05-12 11:46:45','2020-05-12 11:57:18');*

6943. *insert into registro values(null,null,14,'2020-05-12 11:48:58','2020-05-12 11:56:45');*

6944. *insert into registro values(null,null,15,'2020-05-12 11:50:50','2020-05-12 12:04:16');*

6945. *insert into registro values(null,null,16,'2020-05-12 11:58:57','2020-05-12 12:05:50');*

6946. *insert into registro values(null,null,17,'2020-05-12 12:02:53','2020-05-12 12:17:50');*

6947. *insert into registro values(null,null,18,'2020-05-12 12:07:59','2020-05-12 12:20:19');*

6948. *insert into registro values(null,null,19,'2020-05-12 12:08:45','2020-05-12 12:15:45');*

6949. *insert into registro values(null,null,20,'2020-05-12 12:09:52','2020-05-12 12:20:39');*

6950. *insert into registro values(null,null,21,'2020-05-12 12:16:58','2020-05-12 12:27:50');*

6951. *insert into registro values(null,null,22,'2020-05-12 12:23:02','2020-05-12 12:29:19');*

6952. *insert into registro values(null,null,23,'2020-05-12 12:23:12','2020-05-12 12:35:40');*

6953. *insert into registro values(null,null,4,'2020-05-13 11:02:46','2020-05-13 11:09:56');*

6954. *insert into registro values(null,null,5,'2020-05-13 11:10:53','2020-05-13 11:22:05');*

6955. *insert into registro values(null,null,6,'2020-05-13 11:17:59','2020-05-13 11:22:14');*

6956. *insert into registro values(null,null,7,'2020-05-13 11:23:04','2020-05-13 11:29:36');*

6957. *insert into registro values(null,null,8,'2020-05-13 11:28:45','2020-05-13 11:40:26');*

6958. *insert into registro values(null,null,9,'2020-05-13 11:32:57','2020-05-13 11:39:03');*

6959. *insert into registro values(null,null,10,'2020-05-13 11:39:41','2020-05-13 11:44:48');*

6960. *insert into registro values(null,null,11,'2020-05-13 11:39:58','2020-05-13 11:53:47');*

6961. *insert into registro values(null,null,12,'2020-05-13 11:42:52','2020-05-13 11:51:03');*

6962. *insert into registro values(null,null,13,'2020-05-13 11:49:59','2020-05-13 11:57:14');*

6963. *insert into registro values(null,null,14,'2020-05-13 11:57:36','2020-05-13 12:11:49');*

6964. *insert into registro values(null,null,15,'2020-05-13 11:59:56','2020-05-13 12:13:39');*

6965. *insert into registro values(null,null,16,'2020-05-13 12:03:34','2020-05-13 12:08:10');*

6966. *insert into registro values(null,null,17,'2020-05-13 12:10:50','2020-05-13 12:19:12');*

6967. *insert into registro values(null,null,18,'2020-05-13 12:15:57','2020-05-13 12:24:12');*

6968. *insert into registro values(null,null,19,'2020-05-13 12:17:47','2020-05-13 12:30:27');*

6969. *insert into registro values(null,null,20,'2020-05-13 12:22:58','2020-05-13 12:30:29');*

6970. *insert into registro values(null,null,21,'2020-05-13 12:31:42','2020-05-13 12:36:47');*

6971. *insert into registro values(null,null,22,'2020-05-13 12:31:53','2020-05-13 12:42:41');*

6972. *insert into registro values(null,null,23,'2020-05-13 12:32:59','2020-05-13 12:39:10');*

6973. *insert into registro values(null,null,4,'2020-05-14 11:01:08','2020-05-14 11:08:08');*

6974. *insert into registro values(null,null,5,'2020-05-14 11:07:15','2020-05-14 11:21:11');*

6975. *insert into registro values(null,null,6,'2020-05-14 11:15:30','2020-05-14 11:29:46');*

6976. *insert into registro values(null,null,7,'2020-05-14 11:15:59','2020-05-14 11:29:19');*

6977. *insert into registro values(null,null,8,'2020-05-14 11:24:22','2020-05-14 11:38:28');*

6978. *insert into registro values(null,null,9,'2020-05-14 11:29:55','2020-05-14 11:40:41');*

6979. *insert into registro values(null,null,10,'2020-05-14 11:35:36','2020-05-14 11:41:19');*

6980. *insert into registro values(null,null,11,'2020-05-14 11:36:56','2020-05-14 11:48:56');*

6981. *insert into registro values(null,null,12,'2020-05-14 11:45:30','2020-05-14 12:01:59');*

6982. *insert into registro values(null,null,13,'2020-05-14 11:53:53','2020-05-14 12:05:48');*

6983. *insert into registro values(null,null,14,'2020-05-14 11:59:59','2020-05-14 12:12:05');*

6984. *insert into registro values(null,null,15,'2020-05-14 12:01:57','2020-05-14 12:08:35');*

6985. *insert into registro values(null,null,16,'2020-05-14 12:02:26','2020-05-14 12:15:32');*

6986. *insert into registro values(null,null,17,'2020-05-14 12:03:47','2020-05-14 12:10:18');*

6987. *insert into registro values(null,null,18,'2020-05-14 12:11:53','2020-05-14 12:25:16');*

6988. *insert into registro values(null,null,19,'2020-05-14 12:13:59','2020-05-14 12:24:20');*

6989. *insert into registro values(null,null,20,'2020-05-14 12:18:02','2020-05-14 12:26:40');*

6990. *insert into registro values(null,null,21,'2020-05-14 12:24:53','2020-05-14 12:33:36');*

6991. *insert into registro values(null,null,22,'2020-05-14 12:27:59','2020-05-14 12:41:13');*

6992. *insert into registro values(null,null,23,'2020-05-14 12:32:05','2020-05-14 12:46:58');*

6993. *insert into registro values(null,12,null,'2020-10-28 11:17:21','2020-10-28 11:25:12');*

6994. *insert into registro values(null,13,null,'2020-10-28 11:40:43','2020-10-28 11:47:59');*

6995. *insert into registro values(null,14,null,'2020-10-28 12:27:37','2020-10-28 12:36:08');*

B-3: Deletando o Banco de Dados

1. *drop trigger triggerDeleteUsuarioLog;*
2.
3. *drop trigger triggerUpdateUsuarioLog;*
4.
5. *drop trigger triggerInsertUsuarioLog;*
6.
7. *drop procedure insertDadosUsuarioLog;*
8.
9. *drop procedure valorTotal;*
10.
11. *drop procedure updateSaida;*
12.
13. *drop trigger triggervalidacpf;*
14.
15. *drop function validarcpf;*
16.
17. *drop trigger triggervalidaemail;*
18.
19. *drop function validaremail;*
20.
21. *drop view localizacaoBolsista;*
22.
23. *drop view registroUserMensal;*
24.
25. *drop view registroMensal;*
26.
27. *drop view registroDiario;*
28.
29. *drop index idx_entrada on registro;*
30.
31. *drop table usuarioLog;*
32.
33. *drop table registro;*
34.
35. *drop table cartao;*
36.
37. *drop table passe;*
38.
39. *drop table usuario;*

```
40.
41. drop table sexo;
42.
43. drop table cidade;
44.
45. drop table estado;
46.
47. drop table pais;
48.
49. drop table patente;
```

B-4:   Demais Requisitos Pedidos na Orientação

B-4.1: O conceito da empresa e do banco de dados

Nosso sistema é um gerenciador de refeitório, com o intuito de administrar as entradas e saídas dos usuários do refeitório de forma segura e concreta, gerando relatórios que contribuirão para evitar gastos desnecessários e desperdícios. O banco de dados do SGR guardará todas as informações do usuário, seu cartão e o registro(usuário, cartão ou passe, data de entrada e saída).

B-4.2: Exemplificar o uso dos códigos SQLs e principalmente de: INDEX, VIEWs, TRIGGERs e PROCEDURES.

Códigos SQLs presentes no Capítulo 4.3 e no Apêndice B.

- Index: é uma estrutura de arquivos que organiza registro de dados em disco para otimizar alguns tipos de operação de recuperação, como as consultas.
- View: é uma consulta analisada e otimizada que não armazena no disco, somente virtualmente.
- Trigger: é um procedimento automaticamente chamando pelo SGBD em resposta a uma alteração ocorrida no banco de dados.
- Stored Procedures: é um conjunto de comandos que executa e retorna um valor de status ou um conjunto de registros.
- Fuction: é um conjunto de comandos que executa e retorna o resultado deles.
- Enum: é a declaração de um conjunto de dados(somente strings) com restrições.

B-4.3: 1 Tabela acima de 1000 registros (excetuando a de cidades, caso houver)

Foi escolhido a tabela 'registro', e seus 1000 registros constam no tópico 'B-2.7 Populando a Tabela de registro'.

B-4.4: 1 Campo do tipo DATETIME

O campo do tipo DATETIME foi criado nas tabelas 'cartao' e 'passe' para armazenar a validade de ambos.

B-4.5: 1 Campo CPF

O campo CPF foi criado na tabela 'usuario';

B-4.6: 1 Campo SENHA com chave criptografada

O campo SENHA foi criado na tabela 'usuario'; sua criptografia foi feita utilizando md5 e sha1 (consta no tópico 'B-2.4 Populando a Tabela de usuario').

B-4.7: 1 Estrutura de Decisão

```
1.  select
2.  case
3.  when nome = 'Uruana' then 'Uruana-GO'
4.  when nome = 'Ceres' then 'IF Goiano Campus Ceres'
5.  else nome
6.  end as 'nome'
7.  from cidade where cidade.estado_id = 9;
```

B-4.8: 1 Estrutura de Controle

```
1.  DELIMITER $
2.  create function returnSexualidades()
3.  returns varchar(255)
4.  begin
5.      declare finalText varchar(255);
6.      declare count int;
7.      declare max int;
8.      set finalText = "Sexualidades cadastradas: ";
9.      set count = 1;
10.     set max = (select count(id) from sexo);
11.
12.     while count <= max do
13.       set finalText = concat(finalText, (select sexualidade from sexo where id = count));
```

```
14.     if count < max then
15.        set finalText = concat(finalText, ", ");
16.     end if;
17.     set count = count + 1;
18.   end while;
19.
20.   return finalText;
21. end$
22. DELIMITER ;
```

\# Retornando os valores da função
```
23. select returnSexualidades();
```

\# Excluindo a função
```
24. drop function returnSexualidades;
```

B-4.9: 1 Índice além dos já criados por default e a sua comparação de performance antes e depois da criação

Consta no tópico 'C.2: Índice criado e comparação de performance'.

B-4.10: 1 View com a data formatada para dd/mm/yy
```
1.  -- REGISTRO DIÁRIO
2.  create view registroDiario as select patente.nome as 'Patente', usuario.nome as 'Usuário',
3.  date_format(registro.entrada, '%d/%m/%Y') as 'Data de Entrada',
    date_format(registro.saida, '%d/%m/%Y') as 'Data de Saída'
4.  from registro
5.  inner join cartao on registro.cartao_id = cartao.id
6.  left join usuario on cartao.usuario_id = usuario.id
7.  left join patente on usuario.patente_id = patente.id
8.  where day(registro.entrada) = day(curdate());
```

\# Excluindo a view
```
9.  drop view registroDiario;
```

\# Selecionando a view
```
10. select * from registroDiario;
```

B-4.11: 1 View com no mínimo 3 JOINS

View para localizar alunos bolsistas, apresentando nome, cpf (padronizado), patente, sexo, telefone, endereço e localização de onde reside (cidade, estado, país).

```
1.  create view localizacaoBolsista as
```

```
2.  select u.nome, concat(substring(u.cpf, 1, 3), '.', substring(u.cpf, 4, 3), '.', substring(u.cpf, 7, 3),
    '-', substring(u.cpf, 10, 2)) as cpf,
3.  p.nome as patente, s.sexualidade as sexo, u.telefone, u.endereco, concat(c.nome, ", ",
    e.nome, ", ", pa.nome) as localReside
4.  from usuario as u
5.  inner join patente as p
6.  on u.patente_id = p.id
7.  inner join cidade as c
8.  on u.cidade_id = c.id
9.  inner join sexo as s
10. on u.sexo_id = s.id
11. inner join estado as e
12. on c.estado_id = e.id
13. inner join pais as pa
14. on e.pais_id = pa.id
15. where p.nome = 'Aluno Bolsista';
```

\# Selecionando a view
```
16. select * from localizacaoBolsista;
```

\# Excluindo a view
```
17. drop view localizacaoBolsista;
```

B-4.12: 1 Domínio

Consta no tópico 'C.4: Criação de um enum(lista de valores permissíveis) para a tabela sexo'.

B-4.13: 1 Function de cálculo de CPF válido ou não

Consta no tópico 'C.5: Função para calcular se o CPF é válido ou não'.

B-4.14: 1 Function extra

```
1.  DELIMITER $
2.  create function returnSexualidades()
3.  returns varchar(255)
4.  begin
5.    declare finalText varchar(255);
6.    declare count int;
7.    declare max int;
8.    set finalText = "Sexualidades cadastradas: ";
9.    set count = 1;
10.   set max = (select count(id) from sexo);
11.   while count <= max do
12.     set finalText = concat(finalText, (select sexualidade from sexo where id = count));
13.     if count < max then
14.       set finalText = concat(finalText, ", ");
```

```
15.    end if;
16.    set count = count + 1;
17.  end while;
18.
19.  return finalText;
20. end$
21. DELIMITER ;
```

Retornando os valores da função
```
22. select returnSexualidades();
```

Excluindo a função
```
23. drop function returnSexualidades;
```

B-4.15: 1 Stored Procedure

Consta no tópico 'C.10: Stored Procedure'.

B-4.16: Trigger geral de auditoria as alterações do banco de dados

Consta no tópico 'C.7: Triggers de Log de alterações na tabela usuario'.

B-4.17: 1 Trigger extra
```
1.  DELIMITER $
2.  create trigger triggervalidaemail
3.  before insert on usuario for each row
4.  begin
5.    IF validaremail(new.email)=0 THEN
6.      SIGNAL SQLSTATE VALUE '45001'
7.      SET MESSAGE_TEXT = '[TABELA: USUÁRIO] - O e-mail é inválido';
8.    END IF;
9.  END $
10. DELIMITER ;
```

B-4.18: 1 Comando SQL de criação de usuário remoto de acesso via quaisquer IP com permissão apenas de SELECT, tendo como dados de usuário (Login: externo – Senha: Conex@o)

Consta no tópico 'C.9: Comando SQL de criação de usuário remoto de acesso via quaisquer IP com permissão apenas de SELECT.'