

```
CREATE TABLE t_contas (  
    cd_conta          NUMBER(*, 0) NOT NULL,  
    t_usuario_cd_usuario NUMBER(*, 0) NOT NULL,  
    nm_banco          VARCHAR2(50 BYTE),  
    nr_agencia        VARCHAR2(10 BYTE),  
    nr_contas         VARCHAR2(20 BYTE)  
);
```

```
ALTER TABLE t_contas ADD CONSTRAINT t_contas_pk PRIMARY KEY ( cd_conta );
```

```
CREATE TABLE t_despesas (  
    cd_despesas       NUMBER(*, 0) NOT NULL,  
    t_usuario_cd_usuario NUMBER(*, 0) NOT NULL,  
    ds_descricao      VARCHAR2(100 BYTE),  
    vl_valor          NUMBER(10, 2),  
    dt_registro       DATE  
);
```

```
ALTER TABLE t_despesas ADD CONSTRAINT t_despesas_pk PRIMARY KEY ( cd_despesas );
```

```
CREATE TABLE t_investimentos (  
    cd_investimento   NUMBER(*, 0) NOT NULL,  
    t_usuario_cd_usuario NUMBER(*, 0) NOT NULL,  
    ds_descrição     VARCHAR2(100 BYTE) NOT NULL,  
    vl_investido      NUMBER(10, 2) NOT NULL,  
    dt_registro       DATE  
);
```

```
ALTER TABLE t_investimentos ADD CONSTRAINT t_investimentos_pk PRIMARY KEY  
( cd_investimento );
```

```
CREATE TABLE t_receitas (  
    cd_receita        NUMBER(*, 0) NOT NULL,  
    t_usuario_cd_usuario NUMBER(*, 0) NOT NULL,  
    ds_descricao      VARCHAR2(100 BYTE),  
    vl_valor          NUMBER(10, 2),  
    dt_registro       DATE  
);
```

```
ALTER TABLE t_receitas ADD CONSTRAINT t_receitas_pk PRIMARY KEY ( cd_receita );
```

```
CREATE TABLE t_usuario (  
    cd_usuario        NUMBER(*, 0) NOT NULL,  
    nm_nome           VARCHAR2(50 BYTE),  
    id_email          VARCHAR2(50),  
    dt_nasc           DATE,  
    nr_telefone        VARCHAR2(15 BYTE)  
);
```

```
ALTER TABLE t_usuario ADD CONSTRAINT t_usuario_pk PRIMARY KEY ( cd_usuario );
```

```
ALTER TABLE t_contas
```

```
ADD CONSTRAINT t_contas_t_usuario_fk FOREIGN KEY ( t_usuario_cd_usuario )  
REFERENCES t_usuario ( cd_usuario );
```

```
ALTER TABLE t_despesas  
ADD CONSTRAINT t_despesas_t_usuario_fk FOREIGN KEY ( t_usuario_cd_usuario )  
REFERENCES t_usuario ( cd_usuario );
```

```
ALTER TABLE t_investimentos  
ADD CONSTRAINT t_investimentos_t_usuario_fk FOREIGN KEY ( t_usuario_cd_usuario )  
REFERENCES t_usuario ( cd_usuario );
```

```
ALTER TABLE t_receitas  
ADD CONSTRAINT t_receitas_t_usuario_fk FOREIGN KEY ( t_usuario_cd_usuario )  
REFERENCES t_usuario ( cd_usuario );
```

```
INSERT INTO t_usuario  
(cd_usuario, nm_nome, id_email, dt_nasc, nr_telefone )  
VALUES ('1234567', 'Higor Vilela', '4hv@protonmail.com', TO_DATE('03/05/2004' ,  
'DD/MM/YYYY'), 11-99999-9999);
```

```
INSERT INTO t_contas (cd_conta, cd_usuario, nm_banco, nr_agencia)  
VALUES ( 1,1234567, 'Itáu', 12345678910);
```

```
UPDATE t_usuario  
SET nm_nome = 'Higor Vilela', id_email = '4hv@protonmail.com', dt_nasc = '03/05/2004' ,  
nr_telefone = 11-99999-9999);  
WHERE cd_usuario = 1234567;
```

```
INSERT INTO receitas (cd_despesas, cd_usuario, ds_descricao, vl_valor, dt_registro)  
VALUES (2, 1234567, 'Salário', 2500.00, '05/01/2023');
```

```
UPDATE t_receitas  
SET ds_descricao = 'Bônus', vl_valor = 1000.00, dt_registro = '04/04/2023'  
WHERE cd_usuario = 1234567 AND cd_despesas = 2;
```

```
INSERT INTO despesas (cd_despesas, cd_usuario, ds_descricao, vl_valor, dt_registro)  
VALUES (4, 1234567, 'Aluguel', 1000.00, '04/10/2024');
```

```
UPDATE despesas  
SET ds_descricao = 'Condomínio', vl_valor = 500.00, dt_despesa = '04/05/2024'  
WHERE cd_usuario = 1234567 AND codigo_usuario = 4;
```

```
INSERT INTO investimentos (cd_investimento, cd_usuario, ds_descricao, vl_investido,  
dt_registro)  
VALUES (3,1234567, 'LFT 2024', 1000.00, '2023-04-01');
```

```
UPDATE investimentos  
SET ds_descricao = 'LFT 2027', vl_investido = 2000.00, dt_registro = '2023-04-15'  
WHERE cd_investimento = 3 AND cd_usuario = 1234567;
```

```
SELECT * FROM t_usuario  
WHERE cd_usuario = 1234567;
```

```
SELECT * FROM t_despesa
      WHERE cd_usuario = 1234567; AND cd_despesa = 4;
```

```
SELECT * FROM t_despesa
      WHERE cd_usuario = 1234567 ORDER BY dt_registro DESC;
```

```
SELECT * FROM t_investimentos
      WHERE cd_usuario = 1234567; AND cd_investimento = 3;
```

```
Select * FROM t_investimentos
      WHERE cd_usuario = 1234567; ORDER BY dt_registro DESC;
```

```
SELECT u.nm_nome, u.id_email, i.vl_valor, d.nr_telefone
FROM t_usuario
LEFT JOIN (
  SELECT cd_usuario, vl_investido
  FROM t_investimentos
  WHERE data = (SELECT MAX(data) FROM t_investimentos)
) i ON u.codigo = i.cd_usuario
LEFT JOIN (
  SELECT cd_usuario, vl_registro
  FROM t_despesas
  WHERE data = (SELECT MAX(data) FROM t_despesas)
) d ON u.codigo = d.cd_usuario
WHERE u.codigo = 'CODIGO_DO_USUARIO';
```

