

```
CREATE DATABASE banco;
```

```
CREATE TABLE cliente (
```

```
    id BIGINT PRIMARY KEY NOT NULL AUTO_INCREMENT,
```

```
    nombres VARCHAR(30) NOT NULL,
```

```
    ap_paterno VARCHAR(20) NOT NULL,
```

```
    ap_materno VARCHAR(20) NOT NULL,
```

```
    fechaNacimiento DATE NOT NULL
```

```
);
```

```
CREATE TABLE direccion (
```

```
    id BIGINT PRIMARY KEY NOT NULL AUTO_INCREMENT,
```

```
    calle VARCHAR(50),
```

```
    colonia VARCHAR(50),
```

```
    codigoPostal VARCHAR(20),
```

```
    numeroExterior VARCHAR(20),
```

```
    idCliente BIGINT,
```

```
    FOREIGN KEY (idCliente) REFERENCES cliente (id)
```

```
);
```

```
CREATE TABLE cuenta (
```

```
    numCuenta BIGINT PRIMARY KEY NOT NULL AUTO_INCREMENT,
```

```
    fechaApertura DATE NOT NULL,
```

```
    saldo decimal(60,2) NOT NULL DEFAULT '0.00',
```

```
    idCliente BIGINT NOT NULL,
```

```
    FOREIGN KEY (idCliente) REFERENCES cliente (id)
```

```
);
```

```
CREATE TABLE transaccion (
```

```
    id BIGINT PRIMARY KEY NOT NULL AUTO_INCREMENT,
```

```
    monto decimal(60,2) NOT NULL,
```

```
    fechaOperacion DATETIME NOT NULL,
```

```
    tipo VARCHAR(50) NOT NULL,
```

```
folioOperacion VARCHAR(50),  
cuentaOrigen BIGINT NOT NULL,  
cuentaDestino BIGINT NOT NULL  
FOREIGN KEY (cuentaOrigen) REFERENCES cuenta (numCuenta),  
FOREIGN KEY (cuentaDestino) REFERENCES cuenta (numCuenta)  
);
```