

ALTER TABLE ADD NEW COLUMN

```
CREATE TABLE ACCOUNT(  
    ID INT PRIMARY KEY,  
    BRANCH_ID INT NOT NULL,  
    CUTOMER_ID NOT NULL,  
    ACCOUNT_BALANCE DOUBLE,  
    ACCOUNT_TYPE VARCHAR(50) DEFAULT 'SAVINGS',  
    STATUS VARCHAR(20) DEFAULT 'ACTIVE'  
    FOREIGN KEY(CUTOMER_ID) REFERENCES CUSTOMER(ID),  
    CONSTRAINT ACCOUNT_BALANCE_CHECK CHECK(ACCOUNT_BALANCE >= 5000)  
);
```

SYNTAX:

```
ALTER TABLE TABLE_NAME  
ADD NEW_COLUMN_NAME DATA_TYPE;
```

```
ALTER TABLE ACCOUNT  
ADD ACCOUNT_HOLDER_NAME VARCHAR(255);
```

```
ALTER TABLE ACCOUNT  
ADD ACCOUNT_HOLDER_NAME VARCHAR(255);  
FIRST BRANCH_ID;
```

```
ALTER TABLE ACCOUNT  
ADD ACCOUNT_HOLDER_NAME VARCHAR(255);  
AFTER ID;
```

ALTER TABLE MODIFY DATA TYPE OF EXISTING COLUMN

```
ALTER TABLE TABLE_NAME  
MODIFY OLD_COLUMN_NAME DATA_TYPE;
```

```
CREATE TABLE ACCOUNT(  
    ID INT PRIMARY KEY,  
    BRANCH_ID INT NOT NULL,  
    CUTOMER_ID NOT NULL,  
    ACCOUNT_BALANCE DOUBLE,  
    ACCOUNT_TYPE VARCHAR(50) DEFAULT 'SAVINGS',  
    STATUS VARCHAR(20) DEFAULT 'ACTIVE'  
    FOREIGN KEY(CUTOMER_ID) REFERENCES CUSTOMER(ID),  
    CONSTRAINT ACCOUNT_BALANCE_CHECK CHECK(ACCOUNT_BALANCE >= 5000)  
);
```

```
ALTER TABLE ACCOUNT  
MODIFY ACCOUNT_TYPE CHAR(50);
```

ALTER TABLE CHANGE NAME AND DATA TYPE OF EXISTING COLUMN
ALTER TABLE TABLE_NAME
CHANGE OLD_COLUMN_NAME NEW_COLUMN_NAME DATA_TYPE;

ALTER TABLE WITH DROP EXISTING COLUMN
ALTER TABLE TABLE_NAME
DROP COLUMN OLD_COLUMN_NAME;

ALTER TABLE WITH RENAME EXISTING COLUMN
ALTER TABLE TABLE_NAME
RENAME COLUMN OLD_COLUMN_NAME TO NEW_COLUMN_NAME;

ALTER TABLE WITH RENAME TABLE
ALTER TABLE TABLE_NAME
RENAME TO NEW_TABLE_NAME;