TASK 2

Name: Sanjeev.N Date: 08-07-2025

1. CREATE TABLE CUSTOMER WITH COLUMNS

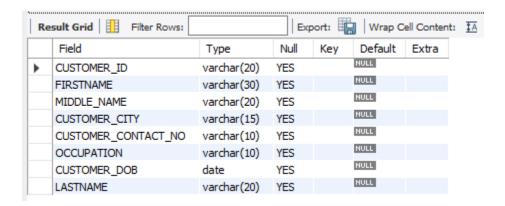
create table Customer
(CUSTOMER_ID varchar(20),
FIRSTNAME VARCHAR(10),
MIDDLE_NAME VARCHAR(20),
CUSTOMER_CITY VARCHAR(15),
CUSTOMER_CONTACT_NO VARCHAR(10),
OCCUPATION VARCHAR(10),
CUSTOMER_DOB DATE);

Table:

CUSTOMER_ID FIRSTNAME MIDDLE_NAME CUSTOMER_CITY CUSTOMER_CONTACT_NO OCCUPATION CUSTOMER_DOB

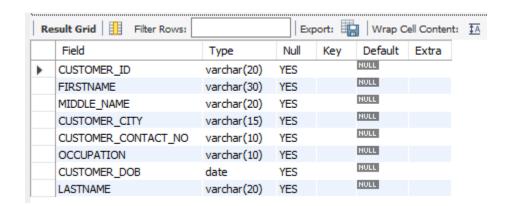
2. ADD COLUMN LAST NAME

ALTER TABLE Customer ADD LASTNAME VARCHAR(20);



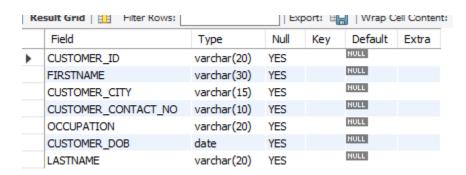
3. MODIFY COLUMN SIZE OD FIRST NAME

ALTER TABLE Customer MODIFY FIRSTNAME VARCHAR(30);



4. DROP THE COLUMN MIDDLE NAME

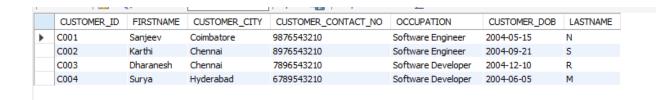
ALTER TABLE Customer DROP COLUMN MIDDLE_NAME;



5. INSERT SOME ROWS IN CUSTOMER TABLE

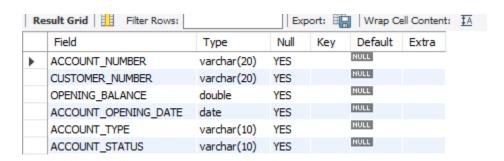
INSERT INTO Customer (CUSTOMER_ID, FIRSTNAME, LASTNAME, CUSTOMER_CITY, CUSTOMER_CONTACT_NO, OCCUPATION, CUSTOMER_DOB) VALUES

('C001', 'Sanjeev', 'N', 'Coimbatore', '9876543210', 'Software Engineer', '2004-05-15'), ('C002', 'Karthi', 'S', 'Chennai', '8976543210', 'Software Engineer', '2004-09-21'), ('C003', 'Dharanesh', 'R', 'Chennai', '7896543210', 'Software Developer', '2004-12-10'), ('C004', 'Surya', 'M', 'Hyderabad', '6789543210', 'Software Developer', '2004-06-05');



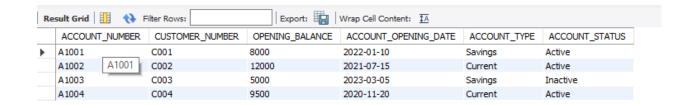
6. CREATE TABLE ACCOUNT

CREATE TABLE Account
(ACCOUNT_NUMBER VARCHAR(20),
CUSTOMER_NUMBER VARCHAR(20),
BRANCH_ID VARCHAR(10),
OPENING_BALANCE DOUBLE,
ACCOUNT_OPENING_DATE DATE,
ACCOUNT_TYPE VARCHAR(10),
ACCOUNT_STATUS VARCHAR(10));



7. INSERT SOME ROWS IN ACCOUNT TABLE

INSERT INTO Account (ACCOUNT_NUMBER, CUSTOMER_NUMBER, OPENING_BALANCE, ACCOUNT_OPENING_DATE, ACCOUNT_TYPE, ACCOUNT_STATUS) VALUES ('A1001', 'C001', 8000.00, '2022-01-10', 'Savings', 'Active'), ('A1002', 'C002', 12000.00, '2021-07-15', 'Current', 'Active'), ('A1003', 'C003', 5000.00, '2023-03-05', 'Savings', 'Inactive'), ('A1004', 'C004', 9500.00, '2020-11-20', 'Current', 'Active');



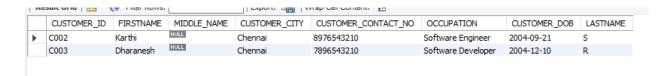
8. TO DISPLAY CUSTOMER NUMBER, CUSTOMER FIRSTNAME, LASTNAME, DOB

SELECT CUSTOMER_ID, FIRSTNAME, LASTNAME, CUSTOMER_DOB FROM Customer;



9. TO DISPLAY CUSTOMER FROM CITY CHENNAI

SELECT * FROM Customer WHERE CUSTOMER_CITY = 'Chennai';



10. TO DISPLAY CUSTOMER ID OPENING BALANCE BETWEEN 5000 TO 10000

SELECT CUSTOMER_NUMBER FROM Account WHERE OPENING_BALANCE BETWEEN 5000 AND 10000;

