

Inventory Management System

SQL scripting

Dbms.mini.project

CREATE TABLE QUERY:

EMPLOYEE TABLE:

```
CREATE TABLE employee
(
    eid CHAR(5) PRIMARY KEY,
    ename CHAR(30) NOT NULL,
    dob DATE NOT NULL,
    designation CHAR(20) NOT NULL,
    home_no CHAR(5),
    locality CHAR(25),
    city CHAR(20),
    pincode INT CHECK (LENGTH(pincode) = 6),
    phone_no CHAR(10) CHECK (LENGTH(phone_no) = 10) NOT NULL,
    doj DATE NOT NULL,
    dol DATE DEFAULT NULL,
    age INT,
    salary numeric(7,0) not null
);
```

SUPLLIER TABLE:

```
create table supplier(
sid char(5) primary key,
sname char(30) NOT NULL,
home_no CHAR(5),
locality CHAR(25),
city CHAR(20),
pincode INT CHECK (LENGTH(pincode) = 6) NOT NULL,
phone_no CHAR(10) CHECK (LENGTH(phone_no) = 10) NOT NULL
);
```

CUSTOMER TABLE :

```
create table customer(  
cid char(5) primary key,  
cname char(30) not null,  
email_id char(100) check(email_id like'%_@_%._%'),  
phone_no CHAR(10) CHECK (LENGTH(phone_no) = 10) not null  
);
```

STOCK TABLE:

```
create table stock(  
pid char(6) primary key,  
pname char(30) not null,  
supplier_cost int not null,  
selling_cost int not null,  
quantity_on_hand int,  
min_quantity int,  
reorder int DEFAULT 0 CHECK (reorder >= 0 AND reorder <= 1)  
);
```

BILL ITEMS TABLE :

```
CREATE TABLE Bill_Items (  
    bid CHAR(10) ,  
    pid CHAR(6) ,  
    pname CHAR(30) NOT NULL,  
    pcost INT NOT NULL,  
    quantity INT DEFAULT 1,  
    FOREIGN KEY (pid) REFERENCES stock (pid),  
    PRIMARY KEY (bid,pid))  
);
```

BILL TABLE:

```
create table bill(  
  bid char(10) primary key,  
  cid char(5),  
  billing_date date not NULL,  
  total_amount int NOT NULL,  
  FOREIGN KEY (cid) REFERENCES customer(cid)  
);
```

SUPPLIED TABLE:

```
create table supplied (  
  supplier_id char(5),  
  pid char(6),  
  order_date date,  
  receiving_date date default NULL,  
  squantity int default 1,  
  samount NUMBER(7,0) NOT NULL,  
  FOREIGN KEY (supplier_id) REFERENCES supplier(sid),  
  FOREIGN KEY (pid) REFERENCES stock(pid),  
  PRIMARY KEY (supplier_id, pid, order_date)  
);
```

EMP SALARY TABLE:

```
create table emp_salary(  
  eid char(5),  
  salary_date date,  
  salary numeric(7,0),  
  FOREIGN KEY (eid) REFERENCES employee(eid),  
  PRIMARY KEY (eid, salary_date)  
);
```

TRIGGERS:

1. CALCULATE AGE OF EMPLOYEE FROM DATE OF BIRTH

```
CREATE OR REPLACE TRIGGER employee_age_trigger
BEFORE INSERT ON employee
FOR EACH ROW
BEGIN
    :NEW.age := EXTRACT(YEAR FROM SYSDATE) - EXTRACT(YEAR FROM :NEW.dob);
END;
/
```

2. GENERATE COST AND NAME OF THE PRODUCT AUTOMATICALLY IN BILL FROM STOCK

```
CREATE OR REPLACE TRIGGER populate_Bill_items
before INSERT ON Bill_Items
FOR EACH ROW
BEGIN
    SELECT pname, selling_cost INTO :NEW.pname, :NEW.pcost FROM stock WHERE pid =
:NEW.pid;
END;
/
```

3. ADD BILL DATE AS CURRENT DATE IN BILL

```
CREATE OR REPLACE TRIGGER add_bill_date
BEFORE INSERT ON bill
FOR EACH ROW
BEGIN
    :NEW.billing_date := SYSDATE;
END;
/
```

4. CALCULATE TOTAL AMOUNT OF ALL THE PRODUCTS OF BILL ITEMS

```
CREATE OR REPLACE TRIGGER calculate_total_amount
BEFORE INSERT ON bill
FOR EACH ROW
BEGIN
    SELECT SUM(Bill_Items.pcost * Bill_Items.quantity) INTO :NEW.total_amount
    FROM Bill_Items
    WHERE Bill_Items.bid = :NEW.bid;
END;
/
```

5. FILL SALARY AUTOMATECALLY ON INSERTION OF EID IN EMP SALARY TABLE

```
CREATE OR REPLACE TRIGGER FillSalary
BEFORE INSERT ON emp_salary
FOR EACH ROW
BEGIN
    SELECT salary
    INTO :NEW.salary
    FROM employee
    WHERE eid = :NEW.eid;
END FillSalary;
/
```

**6. REDUCE QUANTITY OF PRODUCT IN STOCK WHEN
PRODUCT IS PURCHASED AND IF QUANTITY ON HAND IS
MIN THAN REQUIRED MIN QUANTITY THAN REORDER WILL
BE 1 FROM 0**

CREATE OR REPLACE TRIGGER reduce_quantity_on_bill_items

AFTER INSERT ON Bill_Items

FOR EACH ROW

DECLARE

v_quantity_on_hand stock.quantity_on_hand%TYPE;

v_min_quantity stock.min_quantity%TYPE;

BEGIN

SELECT quantity_on_hand, min_quantity

INTO v_quantity_on_hand, v_min_quantity

FROM stock

WHERE pid = :NEW.pid;

UPDATE stock

SET quantity_on_hand = v_quantity_on_hand - :NEW.quantity

WHERE pid = :NEW.pid;

IF (v_quantity_on_hand - :NEW.quantity) < v_min_quantity THEN

UPDATE stock

SET reorder = 1

WHERE pid = :NEW.pid;

END IF;

END;

/

**7. INCREASE QUANTITY OF PRODUCT IN STOCK WHEN
PRODUCT IS SUPPLIED AND IF QUANTITY ON HAND IS MAX
THAN REQUIRED MIN QUANTITY THAN REORDER WILL BE 0
FROM 1**

```
create or replace TRIGGER increase_quantity_on_supplied
BEFORE INSERT OR UPDATE OF receiving_date ON supplied
FOR EACH ROW
DECLARE
    v_quantity_on_hand stock.quantity_on_hand%TYPE;
    v_min_quantity stock.min_quantity%TYPE;
BEGIN
    IF :OLD.receiving_date IS NULL AND :NEW.receiving_date IS NOT NULL THEN
        SELECT quantity_on_hand, min_quantity
        INTO v_quantity_on_hand, v_min_quantity
        FROM stock
        WHERE pid = :NEW.pid;

        UPDATE stock
        SET quantity_on_hand = v_quantity_on_hand + :NEW.squantity
        WHERE pid = :NEW.pid;

        IF (v_quantity_on_hand + :NEW.squantity) >= v_min_quantity THEN
            UPDATE stock
            SET reorder = 0
            WHERE pid = :NEW.pid;
        END IF;
    END IF;
END;
```


8. FILL AMOUNT THAT IS GIVEN TO SUPPLIER BASED ON PRODUCT'S QUNATITY AND BUYING COST FROM SUPPLIER

```
CREATE OR REPLACE TRIGGER fill_samount_trigger
BEFORE INSERT ON supplied
FOR EACH ROW
BEGIN
    SELECT stock.supplier_cost * :NEW.squantity
    INTO :NEW.samount
    FROM stock
    WHERE stock.pid = :NEW.pid;
END;
/
```

Procedure

1. UPDATE EMPLOYEES'S AGE BASED ON THE CURRENT DATE AND THEIR DATE OF BIRTH

```
CREATE OR REPLACE PROCEDURE update_employee_ages AS
```

```
BEGIN
```

```
    UPDATE employee
```

```
    SET age = EXTRACT(YEAR FROM CURRENT_DATE) - EXTRACT(YEAR FROM dob);
```

```
END;
```

```
/
```

2. CALCULATE TOTAL PROFIT IN PARTICULAR MONTH AND YEAR BASED ON TOTAL SELL AND TOTAL ORDERD COST FROM SUPPLIER

CREATE OR REPLACE PROCEDURE CalculateTotalProfit(

 p_month INT,

 p_year INT,

 p_result OUT NUMBER

) AS

BEGIN

 DECLARE

 total_total_amount NUMBER := 0;

 total_samount NUMBER := 0;

 BEGIN

 FOR bill_rec IN (SELECT total_amount FROM bill WHERE EXTRACT(MONTH FROM billing_date) = p_month AND EXTRACT(YEAR FROM billing_date) = p_year) LOOP

 total_total_amount := total_total_amount + bill_rec.total_amount;

 END LOOP;

 FOR supplied_rec IN (SELECT samount FROM supplied WHERE EXTRACT(MONTH FROM receiving_date) = p_month AND EXTRACT(YEAR FROM receiving_date) = p_year) LOOP

 total_samount := total_samount + supplied_rec.samount;

 END LOOP;

 p_result := total_total_amount - total_samount;

 END;

END CalculateTotalProfit;

INSERTION QUERY

1. EMPLOYEE TABLE

```
INSERT INTO employee (eid, ename, dob, designation, home_no, locality, city, pincode, phone_no,
doj, dol, salary)
```

```
VALUES ('E1001', 'Rajesh Sharma', TO_DATE('1985-03-15', 'YYYY-MM-DD'), 'Manager', 'H101',
'Sector 22', 'Delhi', 110022, '9876543210', TO_DATE('2020-07-10', 'YYYY-MM-DD'), NULL, 50000);
```

```
INSERT INTO employee (eid, ename, dob, designation, home_no, locality, city, pincode, phone_no,
doj, dol, salary)
```

```
VALUES ('E1002', 'Pooja Verma', TO_DATE('1990-06-25', 'YYYY-MM-DD'), 'Software Engineer',
'A205', 'Baner', 'Pune', 411045, '8765432109', TO_DATE('2021-04-20', 'YYYY-MM-DD'), NULL,
60000);
```

```
INSERT INTO employee (eid, ename, dob, designation, home_no, locality, city, pincode, phone_no,
doj, dol, salary)
```

```
VALUES ('E1003', 'Sandeep Singh', TO_DATE('1988-12-10', 'YYYY-MM-DD'), 'Sales Executive',
'B304', 'MG Road', 'Mumbai', 400023, '7654321098', TO_DATE('2019-09-15', 'YYYY-MM-DD'),
NULL, 45000);
```

```
INSERT INTO employee (eid, ename, dob, designation, home_no, locality, city, pincode, phone_no,
doj, dol, salary)
```

```
VALUES ('E1004', 'Anita Das', TO_DATE('1995-05-05', 'YYYY-MM-DD'), 'HR Manager', 'C202',
'Rajajinagar', 'Bangalore', 560010, '6543210987', TO_DATE('2020-02-01', 'YYYY-MM-DD'), NULL,
55000);
```

```
INSERT INTO employee (eid, ename, dob, designation, home_no, locality, city, pincode, phone_no,
doj, dol, salary)
```

```
VALUES ('E1005', 'Rajeev Khanna', TO_DATE('1980-09-30', 'YYYY-MM-DD'), 'Project Manager',
'D101', 'Salt Lake', 'Kolkata', 700064, '5432109876', TO_DATE('2018-06-12', 'YYYY-MM-DD'),
NULL, 75000);
```

2. SUPPLIER TABLE

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1001', 'Ramesh Traders', 'H101', 'Sector 22', 'Delhi', 110022, '9876543210');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1002', 'Mohan Enterprises', 'A205', 'Baner', 'Pune', 411045, '8765432109');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1003', 'Sarita Distributors', 'B304', 'MG Road', 'Mumbai', 400023, '7654321098');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1004', 'Anand Traders', 'C202', 'Rajajinagar', 'Bangalore', 560010, '6543210987');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1005', 'Rajeev Enterprises', 'D101', 'Salt Lake', 'Kolkata', 700064, '5432109876');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1006', 'Neha Traders', 'E501', 'Indiranagar', 'Bangalore', 560038, '4321098765');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1007', 'Vijay Distributors', 'F202', 'Tilak Nagar', 'Delhi', 110018, '3210987654');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1008', 'Suman Enterprises', 'G301', 'Adyar', 'Chennai', 600020, '2109876543');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1009', 'Manoj Traders', 'H101', 'Sector 22', 'Delhi', 110022, '1098765432');
```

```
INSERT INTO supplier (sid, sname, home_no, locality, city, pincode, phone_no)
VALUES ('S1010', 'Preeti Distributors', 'I201', 'Andheri', 'Mumbai', 400058, '0987654321');
```

3. CUSTOMER TABLE

```
INSERT INTO customer (cid, cname, email_id, phone_no)
VALUES ('C1001', 'Rajesh Kumar', 'rajesh@gmail.com', '9876543210');
```

```
INSERT INTO customer (cid, cname, email_id, phone_no)
VALUES ('C1002', 'Pooja Verma', 'pooja@gmail.com', '8765432109');
```

```
INSERT INTO customer (cid, cname, email_id, phone_no)
VALUES ('C1003', 'Sandeep Singh', 'sandeep@yahoo.com', '7654321098');
```

```
INSERT INTO customer (cid, cname, email_id, phone_no)
VALUES ('C1004', 'Anita Das', 'anita@gmail.com', '6543210987');
```

```
INSERT INTO customer (cid, cname, email_id, phone_no)
VALUES ('C1005', 'Rajeev Khanna', 'rajeev@yahoo.com', '5432109876');
```

4. STOCK TABLE

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1001', 'Maggi Noodles', 10, 15, 100, 20);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1002', 'Dove Soap', 20, 25, 200, 30);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1003', 'Colgate Toothpaste', 15, 20, 150, 25);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1004', 'Tata Tea', 30, 40, 250, 40);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1005', 'Rice', 25, 35, 300, 50);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1006', 'Tata Salt', 5, 10, 400, 30);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1007', 'Milk', 20, 25, 150, 25);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1008', 'Sunflower Oil', 50, 60, 100, 15);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1009', 'Wheat Flour', 40, 50, 200, 30);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1010', 'Dettol Handwash', 25, 30, 120, 20);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1011', 'Lays Chips', 10, 15, 180, 25);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1012', 'Tata Docomo SIM', 5, 10, 50, 10);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1013', 'Pencil', 2, 5, 300, 50);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1014', 'Sharpener', 1, 3, 400, 60);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1015', 'Eraser', 1, 3, 350, 55);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1016', 'Ballpoint Pen', 5, 10, 200, 30);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1017', 'Notebook', 20, 30, 150, 25);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1018', 'Scissors', 10, 15, 100, 20);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1019', 'Water Bottle', 15, 20, 50, 10);
```

```
INSERT INTO stock (pid, pname, supplier_cost, selling_cost, quantity_on_hand, min_quantity)
VALUES ('P1020', 'Crayons', 8, 12, 250, 40);
```


5. BILL_ITEMS TABLE

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1001', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1005', 3);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1009', 1);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1012', 5);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1016', 10);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000001', 'P1019', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000002', 'P1002', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000002', 'P1006', 1);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000002', 'P1013', 4);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000002', 'P1018', 3);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000003', 'P1003', 3);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000003', 'P1004', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1007', 5);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000003', 'P1008', 1);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000004', 'P1010', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1011', 4);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1014', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1015', 3);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1020', 2);
```

```
INSERT INTO Bill_Items (bid, pid, quantity)
VALUES ('B000000005', 'P1002', 5);
```

6. BILL TABLE

```
INSERT INTO bill (bid, cid)
VALUES ('B000000001', 'C1001');
```

```
INSERT INTO bill (bid, cid)
VALUES ('B000000002', 'C1002');
```

```
INSERT INTO bill (bid, cid)
VALUES ('B000000003', 'C1003');
```

```
INSERT INTO bill (bid, cid)
VALUES ('B000000004', 'C1004');
```

```
INSERT INTO bill (bid, cid)
VALUES ('B000000005', 'C1005');
```

7. SUPPLIED TABLE

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1001', 'P1001', TO_DATE('2023-10-01', 'YYYY-MM-DD'), TO_DATE('2023-10-05',
'YYYY-MM-DD'), 50, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1002', 'P1002', TO_DATE('2023-10-02', 'YYYY-MM-DD'), TO_DATE('2023-10-06',
'YYYY-MM-DD'), 30, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1003', 'P1003', TO_DATE('2023-10-03', 'YYYY-MM-DD'), TO_DATE('2023-10-07',
'YYYY-MM-DD'), 40, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1001', 'P1004', TO_DATE('2023-10-04', 'YYYY-MM-DD'), TO_DATE('2023-10-08',
'YYYY-MM-DD'), 60, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1002', 'P1005', TO_DATE('2023-10-05', 'YYYY-MM-DD'), TO_DATE('2023-10-09',
'YYYY-MM-DD'), 70, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1003', 'P1006', TO_DATE('2023-10-06', 'YYYY-MM-DD'), TO_DATE('2023-10-10',
'YYYY-MM-DD'), 80, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1001', 'P1007', TO_DATE('2023-10-07', 'YYYY-MM-DD'), TO_DATE('2023-10-11',
'YYYY-MM-DD'), 90, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, quantity, samount)
VALUES ('S1002', 'P1008', TO_DATE('2023-10-08', 'YYYY-MM-DD'), TO_DATE('2023-10-12',
'YYYY-MM-DD'), 100, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, squantity, samount)
VALUES ('S1003', 'P1009', TO_DATE('2023-10-09', 'YYYY-MM-DD'), TO_DATE('2023-10-13',
'YYYY-MM-DD'), 110, NULL);
```

```
INSERT INTO supplied (supplier_id, pid, order_date, receiving_date, squantity, samount)
VALUES ('S1001', 'P1010', TO_DATE('2023-10-10', 'YYYY-MM-DD'), TO_DATE('2023-10-14',
'YYYY-MM-DD'), 120, NULL);
```

8. EMPLOYEE SALARY TABLE

```
INSERT INTO emp_salary (eid, salary_date)
VALUES ('E1001', TO_DATE('2023-11-01', 'YYYY-MM-DD'));
```

```
INSERT INTO emp_salary (eid, salary_date)
VALUES ('E1002', TO_DATE('2023-11-01', 'YYYY-MM-DD'));
```

```
INSERT INTO emp_salary (eid, salary_date)
VALUES ('E1003', TO_DATE('2023-11-01', 'YYYY-MM-DD'));
```

```
INSERT INTO emp_salary (eid, salary_date)
VALUES ('E1004', TO_DATE('2023-11-01', 'YYYY-MM-DD'));
```

```
INSERT INTO emp_salary (eid, salary_date)
VALUES ('E1005', TO_DATE('2023-11-01', 'YYYY-MM-DD'));
```