Inventory Management System

Tables's snap and other outputs

Dbms.mini.project

TABLE SNAPS

1. EMPLOYEE TABLE

EID	ENAME	DOB	DESIGNATION	HOME_LOCALITY		CITY	PINCODE	PHONE_NO	DOJ	DOL	AGE
E1001	Rajesh Sharma	15-03-85	Manager	H101	Sector 22	Delhi	110022	9876543210	10-07-20		38
E1002	Pooja Verma	25-06-90	Software Engineer	A205	Baner	Pune	411045	8765432109	20-04-21		33
E1003	Sandeep Singh	10-12-88	Sales Executive	B304	MG Road	Mumbai	400023	7654321098	15-09-19		35
E1004	Anita Das	05-05-95	HR Manager	C202	Rajajinagar	Bangalore	560010	6543210987	01-02-20		28
E1005	Rajeev Khanna	30-09-80	Project Manager	D101	Salt Lake	Kolkata	700064	5432109876	12-06-18		43

2. SUPPLIER TABLE

SID	SNAME	HOME_LOCALITY		CITY	PINCODE	PHONE_NO
S1001	Ramesh Traders	H101	Sector 22	Delhi	110022	9876543210
S1002	Mohan Enterprises	A205	Baner	Pune	411045	8765432109
S1003	Sarita Distributors	B304	MG Road	Mumbai	400023	7654321098
S1004	Anand Traders	C202	Rajajinagar	Bangalore	560010	6543210987
S1005	Rajeev Enterprises	D101	Salt Lake	Kolkata	700064	5432109876
S1006	Neha Traders	E501	Indiranagar	Bangalore	560038	4321098765
S1007	Vijay Distributors	F202	Tilak Nagar	Delhi	110018	3210987654
S1008	Suman Enterprises	G301	Adyar	Chennai	600020	2109876543
S1009	Manoj Traders	H101	Sector 22	Delhi	110022	1098765432
S1010	Preeti Distributors	I201	Andheri	Mumbai	400058	0987654321

3. CUSTOMER TABLE

CID	CNAME	EMAIL_ID	PHONE_NO
C1001	Rajesh Kumar	rajesh@gmail.com	9876543210
C1002	Pooja Verma	pooja@gmail.com	8765432109
C1003	Sandeep Singh	sandeep@yahoo.com	7654321098
C1004	Anita Das	anita@gmail.com	6543210987
C1005	Rajeev Khanna	rajeev@yahoo.com	5432109876

4. STOCK TABLE

PID	PNAME	SUPPLIER_COST	SELLING_COST	QUANTITY_ON_HAND	MIN_QUANTITY	REORDER
P1001	Maggi Noodles	10	15	150	20	0
P1002	Dove Soap	20	25	223	30	0
P1003	Colgate Toothpaste	15	20	187	25	0
P1004	Tata Tea	30	40	308	40	0
P1005	Rice	25	35	367	50	0
P1006	Tata Salt	5	10	479	30	0
P1007	Milk	20	25	235	25	0
P1008	Sunflower Oil	50	60	199	15	0
P1009	Wheat Flour	40	50	309	30	0
P1010	Dettol Handwash	25	30	238	20	0
P1011	Lays Chips	10	15	176	25	0
P1012	Tata Docomo SIM	5	10	45	10	0
P1013	Pencil	2	5	296	50	0
P1014	Sharpener	1	3	398	60	0
P1015	Eraser	1	3	347	55	0
P1016	Ballpoint Pen	5	10	190	30	0
P1017	Notebook	20	30	150	25	0
P1018	Scissors	10	15	97	20	0
P1019	Water Bottle	15	20	48	10	0
P1020	Crayons	8	12	248	40	0

5. BILL ITEMS TABLE

BID	PID	PNAME	PCOST	QUANTITY
B00000001	P1001	Maggi Noodles	15	2
B00000001	P1005	Rice	35	3
B00000001	P1009	Wheat Flour	50	1
B00000001	P1012	Tata Docomo SIM	10	5
B00000001	P1016	Ballpoint Pen	10	10
B00000001	P1019	Water Bottle	20	2
B00000002	P1002	Dove Soap	25	2
B00000002	P1006	Tata Salt	10	1
B00000002	P1013	Pencil	5	4
B00000002	P1018	Scissors	15	3
B00000003	P1003	Colgate Toothpaste	20	3
B00000003	P1004	Tata Tea	40	2
B00000005	P1007	Milk	25	5
B00000003	P1008	Sunflower Oil	60	1
B00000004	P1010	Dettol Handwash	30	2
B00000005	P1011	Lays Chips	15	4
B00000005	P1014	Sharpener	3	2
B00000005	P1015	Eraser	3	3
B00000005	P1020	Crayons	12	2
B00000005	P1002	Dove Soap	25	5

6. BILL TABLE

BID	CID	BILLING_	TOTAL_AMOUNT
B00000001	C1001	03-11-23	375
B00000002	C1002	03-11-23	125
B00000003	C1003	03-11-23	200
B00000004	C1004	03-11-23	60
B00000005	C1005	03-11-23	349

7. SUPPLIED TABLE

SUPPL	PID	ORDER_DA	RECEIVIN	SQUANTITY	SAMOUNT
S1001	P1001	01-11-23	06-11-23	2	20
S1001	P1001	01-10-23	05-10-23	50	500
S1002	P1002	02-10-23	06-10-23	30	600
S1003	P1003	03-10-23	07-10-23	40	600
S1001	P1004	04-10-23	08-10-23	60	1800
S1002	P1005	05-10-23	09-10-23	70	1750
S1003	P1006	06-10-23	10-10-23	80	400
S1001	P1007	07-10-23	11-10-23	90	1800
S1002	P1008	08-10-23	12-10-23	100	5000
S1003	P1009	09-10-23	13-10-23	110	4400
S1001	P1010	10-10-23	14-10-23	120	3000

8. EMP SALARY TABLE

EID	SALARY_D	SALARY
E1001	01-11-23	50000
E1002	01-11-23	60000
E1003	01-11-23	45000
E1004	01-11-23	55000
E1005	01-11-23	75000

OTHER OUTPUTS:

EXECUTING PROCEDURE TO GET TOTAL PROFIT OF PARTICULAR MONTH AND YEAR

```
SET SERVEROUTPUT ON;

BEGIN
  DECLARE
    result NUMBER;
  BEGIN
    CalculateTotalProfit(10, 2023, result);
  DBMS_OUTPUT.PUT_LINE('Total Profit: ' || result);
  EXCEPTION
    WHEN OTHERS THEN
      DBMS_OUTPUT.PUT_LINE('An error occurred: ');
  END;
END;
/
```

```
Total Profit: -19850


PL/SQL procedure successfully completed.
```

(AS NO SELL IN OCT)

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

BEFORE:

PID	PNAME	SUPPLIER_COST	SELLING_COST	QUANTITY_ON_HAND	MIN_QUANTITY	REORDER
P1001	Maggi Noodles	10	15	150	20	0

AFTER INSERTING A TUPLE IN BILL ITEMS:

INSERT INTO Bill_Items (bid, pid, quantity)

VALUES ('B00000006', 'P1001', 5);

SELECT * FROM STOCK;

PID	PNAME	SUPPLIER_COST	SELLING_COST	QUANTITY_ON_HAND	MIN_QUANTITY	REORDER
P1001	Maggi Noodles	10	15	145	20	0

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

BEFORE :

PID	PNAME	SUPPLIER_COST	SELLING_COST	QUANTITY_ON_HAND	MIN_QUANTITY	REORDER
P1001	Maggi Noodles	10	15	145	20	0

AFTER :

INSERT INTO supplied (supplier_id, pid, order_date, squantity)

VALUES ('S1001', 'P1001', TO_DATE('2023-11-02', 'YYYY-MM-DD'), 5);

UPDATE supplied

SET receiving_date= TO_DATE('07-11-23', 'DD-MM-YY')

WHERE supplier_id = 'S1001' AND pid = 'P1001' and order_date=TO_DATE('01-11-23', 'DD-MM-YY');

select * from stock;

PID	PNAME	SUPPLIER_COST	SELLING_COST	QUANTITY_ON_HAND	MIN_QUANTITY	REORDER
P1001	Maggi Noodles	10	15	150	20	0

CALCULATING AGE FROM DATE OF BIRTH

EID	ENAME	DOB	DESIGNATION	HOME_	LOCALITY	CITY	PINCODE	PHONE_NO	DOJ	DOL	AGE
E1001	Rajesh Sharma	15-03-85	Manager	H101	Sector 22	Delhi	110022	9876543210	10-07-20		38
E1002	Pooja Verma	25-06-90	Software Engineer	A205	Baner	Pune	411045	8765432109	20-04-21		33
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E1005	Rajeev Khanna	30-09-80	Project Manager	D101	Salt Lake	Kolkata	700064	5432109876	12-06-18		43

GENERATE COST AND NAME OF THE PRODUCT IN BILL ITEMS FROM BID

BID	PID	PNAME	PCOST	QUANTITY
B00000001	P1001	Maggi Noodles	15	2
B00000001	P1005	Rice	35	3
B00000001	P1009	Wheat Flour	50	1
B00000001	P1012	Tata Docomo SIM	10	5
B00000001	P1016	Ballpoint Pen	10	10
B00000001	P1019	Water Bottle	20	2
B00000002	P1002	Dove Soap	25	2
B00000002	P1006	Tata Salt	10	1
B00000002	P1013	Pencil	5	4
B00000002	P1018	Scissors	15	3
B00000003	P1003	Colgate Toothpaste	20	3

BID	PID	PNAME	PCOST	QUANTITY
B00000003	P1004	Tata Tea	40	2
B00000005	P1007	Milk	25	5
B00000003	P1008	Sunflower Oil	60	1
B00000004	P1010	Dettol Handwash	30	2
B00000005	P1011	Lays Chips	15	4
B00000005	P1014	Sharpener	3	2
B00000005	P1015	Eraser	3	3
B00000005	P1020	Crayons	12	2
B00000005	P1002	Dove Soap	25	5

CALCULATE TOTAL AMOUNT OF BILL AND FILL THE BILLING DATE AS CURRENT DATE IN BILL TABLE

BID	CID	BILLING_	TOTAL_AMOUNT
B00000001	C1001	03-11-23	375
B00000002	C1002	03-11-23	125
B00000003	C1003	03-11-23	200
B00000004	C1004	03-11-23	60
B00000005	C1005	03-11-23	349

FILL SALARY AUTOMATECALLY IN EMP SALARY

EID	SALARY_D	SALARY
E1001	01-11-23	50000
E1002	01-11-23	60000
E1003	01-11-23	45000
E1004	01-11-23	55000
E1005	01-11-23	75000

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

SUPPL	PID	ORDER_DA	RECEIVIN	SQUANTITY	SAMOUNT
S1001	P1001	01-11-23	06-11-23	2	20
S1001	P1001	01-10-23	05-10-23	50	500
S1002	P1002	02-10-23	06-10-23	30	600
S1003	P1003	03-10-23	07-10-23	40	600
S1001	P1004	04-10-23	08-10-23	60	1800
S1002	P1005	05-10-23	09-10-23	70	1750
S1003	P1006	06-10-23	10-10-23	80	400
S1001	P1007	07-10-23	11-10-23	90	1800
S1002	P1008	08-10-23	12-10-23	100	5000
S1003	P1009	09-10-23	13-10-23	110	4400
S1001	P1010	10-10-23	14-10-23	120	3000