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Lab : 10

1. Create custom Cursor on your own. (you may use any tables suitable to your cursor example.

About Cursor:

Here, cursor is used when profit for a product is less than 50 rupees then cursor will automatically update the sell price to 50 rupees profit of cost price otherwise it will remain as it is.

PL/SQL: DECLARE

p_desc product_master.description%TYPE; p_sp

product_master.sell_price%TYPE; p_cp product_master.cost_price%TYPE;

CURSOR profit IS

SELECT description, sell_price, cost_price FROM product_master;

BEGIN

OPEN profit; LOOP

UPDATE product_master SET sell_price = cost_price + 50 WHERE (sell_price - cost_price) < 50;

FETCH profit INTO p_desc, p_sp, p_cp; EXIT WHEN profit%notfound;

dbms_output.put_line(p_desc || ' ' || p_sp || ' ' || p_cp);

```
END LOOP;  
CLOSE profit; END;
```

Before execution of
cursor:

Script Output × sm × cm × pm ×							
SQL All Rows Fetched: 9 in 0.003 seconds							
PRODUCT_NO	DESCRIPTION	PROFIT_PERCENT	UNIT_MEASURE	QTY_ON_HAND	REORDER_LVL	SELL_PRICE	COST_PRICE
1 P00001	1.44floppies		5piece	4	20	525	500
2 P03453	Monitors		6piece	10	3	12000	11200
3 P06734	Mouse		5piece	20	5	1050	500
4 P07865	1.22 floppies		5piece	100	20	525	500
5 P07868	Keyboards		2piece	10	3	3150	3050
6 P07885	CD Drive	2.5	piece	10	3	5250	5100
7 P07965	540 HDD		4piece	10	3	8400	8000
8 P07975	1.44 Drive		5piece	10	3	1050	1000
9 P08865	1.22 Drive		5piece	2	3	1050	1000

After execution of cursor:

```
1.44floppies 550 500  
Monitors 12000 11200  
Mouse 1050 500  
1.22 floppies 550 500  
Keyboards 3150 3050  
CD Drive 5250 5100  
540 HDD 8400 8000  
1.44 Drive 1050 1000  
1.22 Drive 1050 1000
```

```
PL/SQL procedure successfully completed.
```