

# **DataBase Systems**

## **Lab Task #01**

### **Section-V**



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## INSERT TABLE

The screenshot shows the Online SQL Editor interface. In the Input tab, a CREATE TABLE statement for 'ProductMaster' is entered:

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
  
CREATE TABLE ProductMaster (  
    Product_No TEXT PRIMARY KEY,  
    Description TEXT NOT NULL,  
    Profit_percent INTEGER NOT NULL,  
    Unit_measure TEXT,  
    Qty_on_hand INTEGER,  
    Reorder_Lvl INTEGER,  
    Sell_price INTEGER NOT NULL,  
    Cost_price INTEGER NOT NULL  
);
```

In the Available Tables section, there are three tables: Orders, ProductMaster, and Shippings. The Orders table has 5 rows of data:

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

The ProductMaster table is currently empty:

Product_No	Description	Profit_percent	Unit_measure
empty			

The Shippings table has 5 rows of data:

shipping_id	status	customer
1	Pending	2
2	Pending	4
3	Delivered	3
4	Pending	5
5	Delivered	1

## ADD DATA TO TABLE

The screenshot shows the Online SQL Editor interface. In the Input tab, an INSERT INTO statement is used to add data to the 'ProductMaster' table:

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
  
INSERT INTO ProductMaster (Product_No, Description, Profit_percent, Unit_measure,  
Qty_on_hand, Reorder_Lvl, Sell_price, Cost_price) VALUES  
('P00001', '1.44floppies', 5, 'piece', 100, 20, 525, 500),  
('P03453', 'Monitors', 6, 'piece', 10, 3, 12000, 11200),  
('P06734', 'Mouse', 5, 'piece', 20, 5, 1050, 500),  
('P07865', '1.22 floppies', 5, 'piece', 100, 20, 525, 500),  
('P07868', 'Keyboards', 2, 'piece', 10, 3, 3150, 3050),  
('P07885', 'CD Drive', 2, 'piece', 10, 3, 5250, 5100),  
('P07965', '540 HDD', 4, 'piece', 10, 3, 8400, 8000),  
('P07975', '1.44 Drive', 5, 'piece', 10, 3, 1050, 1000),  
('P08865', '1.22 Drive', 5, 'piece', 2, 3, 1050, 1000);
```

In the Available Tables section, the ProductMaster table now contains 10 rows of data:

Product_No	Description	Profit_percent	Unit_measure
P00001	1.44floppies	5	piece
P03453	Monitors	6	piece
P06734	Mouse	5	piece
P07865	1.22 floppies	5	piece
P07868	Keyboards	2	piece
P07885	CD Drive	2	piece
P07965	540 HDD	4	piece
P07975	1.44 Drive	5	piece
P08865	1.22 Drive	5	piece

The Orders and Shippings tables remain the same as in the previous screenshot.