

SESSION 1_TASK

Question 1:

Create a Database product_db.

Question 2:

Create a table with the name "product" with the following columns

product_id - integer
product - string - size 10
quantity - integer
price - integer
purchase_cost - integer
estimated_sale_price - float

Question 3:

Display all column names and their datatype and size in product.

Question 4:

Insert the below two records into product table .

-- 1st record with values

```
-- product_id : 1
-- Product : PayCard
-- Quantity: 2
-- price : 300
-- Purchase_cost : 8000
-- estimated_sale_price: 9000.56
```

-- 2nd record with values --

```
-- product_id : 2
-- Product : PayPoints
-- Quantity: 4
-- price : 200
-- Purchase_cost : 7000
-- estimated_sale_price: 6700.56
```

Question 5:

Add a column : "location" to the existing product table with data type varchar and size 50

Question 6:

Update the value of the location

-- update location as USA for product_id = 1

-- update location as India for product_id = 2

Question 7:

What is the value of location for product : 'PayCard'?

Question 8:

update the product column to size of 25

Question 9:

Reduce the size of the location field from 50 to 20 and check if it is possible.

Question 10:

Update the quantity information of 'PayCard' product details .

-- For 'PayCard' product, Update the quantity from 2 to 10

Question 11:

insert one more row/record to the table

record with values

-- product_id : 4

-- Product : Creditcard

-- Quantity: 2

-- price : 500

-- Purchase_cost : 900

-- estimated_sale_price: 750

-- location : India

Question 12:

insert below two row/record to the table by using one query
record with values

- 1) -- product_id : 5
 -- Product : debitcard
 -- Quantity: 4
 -- price : 500
 -- Purchase_cost : 2000
 -- estimated_sale_price: 1850
 -- location : UK

- 2) -- product_id : 6
 -- Product : buyback
 -- Quantity: 20
 -- price : 500
 -- Purchase_cost : 10000
 -- estimated_sale_price: 9800.95
 -- location : USA

Question 13:

add a column zip_code to the product table

Question 14:

update zip_code to the product table by some random unique zip code to the product

Question 15:

drop the column zip_code from the table