

CSIS05I

Database Systems II

Lab (3)

INDEXING – Solutions

Lab (3)

1. Create index that have all customer ID from customer relation.

Solution

```
CREATE INDEX CustomerID_IDX  
ON Customer (CustomerID);
```

2. Create index that have the full name of the customer with its Date of Birth and ID.

Solution

```
CREATE INDEX CustomerFullName_IDX  
ON Customer (CustomerID, CustFirstName, CustLastName,  
CustomerDOB);
```

3. Create index that have the product name along with its description.

Solution

```
CREATE INDEX ProductsInfo_IDX  
ON Product (PName, PDescription);
```

4. Create index that have the order ID and the Product ID.

Solution

```
CREATE INDEX OrderInfo_IDX  
ON Order_details (OrderID, ProductID);
```

5. Retrieve all the index information from table customer.

Solution

```
EXEC sp_helpindex 'Customer'  
GO
```

6. Rename the index that contains the customer ID.

Solution

```
EXEC sp_rename  
N'Customer.CustomerID_IDX',  
N'Idx_CustID',  
N'INDEX';
```

7. Delete the index that contains the customer ID.

Solution

```
DROP INDEX Customer. Idx_CustID;
```

8. Disable the index on product table.

Solution

```
Alter Index ProductsInfo_IDX  
ON Product  
DISABLE;
```

9. Enable the index on product table.

Solution

```
Alter Index ProductsInfo_IDX  
ON Product  
REBUILD;
```