```
2-| Viet một stored procedure với Input là một mã khách hàng Gustomerid và Đượput là một hóa dơn Orderid của khách hàng đó có Total Amount là lớn nhất --

Ecraste procedure usp GetOrderid Customerid NaxAndHinTotalQuantity

@Customerid int,
@MaxOrderid int output,
@MinTotalAmount decimal(12,2) output,
@MinTotalAmount decimal(12,2) output

as

begin

with Orderinfo(id, Customerid, TotalAmount)

as

select id, Customerid, TotalAmount
from [Order]
where Customerid = @Customerid

aslett @MaxOrderid = ( select top 1 id from Orderinfo Order by TotalAmount DESC),
@MaxOrderid = ( select top 1 id from Orderinfo Order by TotalAmount ASC),
@MinTotalAmount = MaxOrderinfo Order by TotalAmount ASC),
@MinTotalAmount = Min(totalAmount)

END

END

END
```

```
declare @CustomerId1 int
declare @MaxOrderId1 int
declare @MaxOrderId1 int
declare @MinOrderId1 int
declare @MaxOrderId1 int
declare @MaxOrderId1
```

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```
-- Miết một stored procedure để thêm vào một Customer với Input là firstName, LastName, City, Country, và Phone.
--Luu ý nếu các input mà rỗng hoặc Input đó đã có trong bằng thì báo lỗi tương ứng và ROLL BACK lại--
Ecreate procedure usp NewCustomer
      @CustomerId int,
@FirstName nvarchar(58);
       @Lastname myarchar(50),
      @City mvarchar(50).
@Country nvarchar(30).
       @Phone nvarchar(38)
begin
      if(exists(select "
                   where firstName = @FirstName and LastName = @Lastname and City = @City and Country = @Country and Phone = @Phone))
      begin
           print 'Customer already exist'
            return -1
      if(len(\$FirstName) = \theta \text{ or } len(\$Lastname) = \theta \text{ or } len(\$City) = \theta \text{ or } len(\$Country) = \theta \text{ or } len(\$Phone) = \theta)
      begin
           print ' Customer description can not be blank'
            return -1
      begin try
            begin transaction
                set IDENTITY_INSERT Customer on
```

```
insert into [dbo].[Customer].[Id].[FirstName].[LastName].[City].[Country].[Phone])
values [@CustomerId_@FirstName. @City_.@Country, @Phone)
ant identity_insert Customer off

print 'Insert auccessful'

commit transaction
end try
begin catch
if @GTARLODUF # 0 rollback transaction
declare @ERR nvarcher[MAX)
set @ERR - EBROR messactj)
print 'An error accurred after insert data to the Customer table:
raiserprigERR_16_1)
end catch
end

declare @StateInsert1 int
ever @StateInsert1 int
ever @StateInsert1 int
ever @StateInsert2 int
ever @StateInsert2 int
ever @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
print @StateInsert2 = usp_NewCustomer 92 _ "Bob" _ "Mixon", 'Rortland', 'USA', '(871) 34 52 68 20"
```

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```
Ecreate procedure usp_UpdatePriceOrderItem
       #OrderItemId int
     @UnitPrice decimal(22,2)
Begin
       if(not exists[select * from OrderItem where Id = @OrderItemId))
       begin
           print 'OrderItem does not exist'
            return -1
     declare @OrderId int
     declare @YotalAscunt decimal(12,2)
       set @OrderId = (select OrderId from OrderItem where Id = @OrderItemId)
      begin try
begin transaction
                update OrderItem set UnitPrice = @UnitPrice smere Id =@OrderItemId
          | select top I sum(UnitArice " Quantity) over (p from [OrderItem] where OrderId = @OrderId) update [Order] set TotalAmount = @TotalAmount where Id = @OrderId print "Update successfull" commit transaction try
              set @TotalAmount = (select top 1 sum(UnitPrice * Quantity) over (partition by OrderId)
       end try
begin catch
            if OSTRANCOUNT > 0 rollback transaction
           declare #ERR nvarchar(NAX)
set #ERR - ERROR NESSAGE()
```

```
print | Update failed. See details: '
raiserror(@ERR.16.1)
return = 1
end catch
end

declare @StateInsert2 int
exec @StateInsert2 = usp_UpdatePriceOrderItem 2157 , 16.00
print @StateInsert2 = usp_UpdatePriceOrderItem 2157 , 21.00

declare @StateInsert2 int
exec @StateInsert1 int
exec @StateInsert1 = usp_UpdatePriceOrderItem 21 , 21.00

print @StateInsert1 = usp_UpdatePriceOrderItem 21 , 21.00

print @StateInsert1 = usp_UpdatePriceOrderItem 21 , 21.00
```

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