**Derivco- Software Developer task**

Step 1 – Stored Procedure

1. Open SQL Server.
2. Navigate to the SQL folder.
3. Open and run 001\_instnwnd.sql
4. Open and run 002\_pr\_GetOrderSummary.sql

Notes:

For compatibility reasons I replace these lines

exec sp\_dboption 'Northwind','trunc. log on chkpt.','true'

exec sp\_dboption 'Northwind','select into/bulkcopy','true'

with these:

ALTER DATABASE Northwind SET AUTO\_SHRINK ON

ALTER DATABASE Northwind SET RECOVERY SIMPLE

Step 2 – Web API

Development environment

1. Operating system: Windows 10.
2. Visual studio 2019 community.
3. SQL server 2017

Steps to configure MSMQ

1. Launch command prompt.
2. Type ‘OptionFeatures’ without quotes.
3. On the ‘Windows Features’ check the ‘Microsft Message Queue (MSMQ) Server’ checkbox.
4. Click ‘Ok’.

Steps to monitor MSMQ

1. Press windows key.
2. Type ‘Computer Management’.
3. Click on ‘Computer Management’.
4. On the left pane expand ‘Services and Application’.
5. Collapse ‘Message Queueing’.
6. Click on the ‘Private Queues’ folder.
7. If there are any messaging on the queue they will be displayed on the center pane.