-





­

Assignment Document:

Blocking in Sql Server

Version: < Sql Server 2008>/ASSIGNMENT/xxxx/x.x

Date: 12/10/2012

Cognizant

500 Glen Pointe Center West

Teaneck, NJ 07666

Ph: 201-801-0233  
[www.cognizant.com](http://www.cognizant.com)

Contents

[Topic: <bLOCKING> 3](#_Toc300153669)

[Hands-On Exercises 3](#_Toc300153670)

Hands-On Exercise 1: <Blocking>…………………………………………………….3

Topic: <BLOCKING>

Total Completion Time:9 minutes

### Hands-On Exercises

Hands-On Exercise 1: <BLOCKING>

Estimated Completion Time: 3 Minutes

Step 1: Create a sample table and populate it.

Step 2: Run the two SET of queries given below in two different sessions.

Step 3: Understand how BLOCKING occurs.

-------------------------------------------------------------------------------------------------------------------------

--Session 1 Queries

-------------------------------------------------------------------------------------------------------------------------

--creation of database

CREATE DATABASE sample\_test

GO

USE sample\_test

GO

-------------------------------------------------------------------------------------------------------------------

--creation of sample table

CREATE TABLE customer(customerid INT PRIMARY KEY,name VARCHAR(20))

INSERT into customer VALUES(1,'Clara'),(2,'Henry'),(3,'Jerry'),(4,'Jane'),(5,'peter')

CREATE TABLE order1(orderid INT PRIMARY KEY,shippingid INT,customerid INT CONSTRAINT fk1 REFERENCES customer(customerid))

INSERT into order1 VALUES(1,1,1),(2,2,2),(3,3,3),(4,4,4),(5,5,5)

--Blocking occurrence

BEGIN TRAN

UPDATE customer SET name='James' WHERE customerid=3

WAITFOR DELAY '00:00:10'

UPDATE order1 SET shippingid=2 WHERE customerid=3

COMMIT TRAN

-------------------------------------------------------------------------------------------------------------------------

--Session 2 Queries

-------------------------------------------------------------------------------------------------------------------------

--Blocking Occurrence

BEGIN TRAN

UPDATE customer SET name='James' WHERE customerid=3

COMMIT TRAN

Summary

You have just learnt:

* What is blocking
* How Blocking occurs