**Backup & restore**

**Answer 1:**

use eDate

go

backup database [eDate]

to disk = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_full.bak'

with

init,

name = N'full\_eDate\_backup';

go

**Answer 2:**

insert into [Operation].[Members] (Username,Password,FirstName,LastName,CountryId,[EmailAddress],GenderId,[BirthDate],SexualPreferenceId,MaritalStatusId,RegistrationDateTime)

values ('yog',64564,'yogev','cohen',1,'yogev@gmail.com',1,'11/09/1986',1,1,GETDATE())

**Answer 3:**

backup database [eDate]

to disk = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_full.bak'

with

init,

name = N'eDate Differential',

differential;

go

**Answer 4:**

insert into [Operation].[Members] ([Username],[Password],[FirstName],[LastName],

[CountryId],[EmailAddress],[GenderId],[BirthDate],[RegistrationDateTime])

values ('yogi',11217854,'pola','chayun',1,'talchayun@gmail.com',2,'01/06/1989',getdate())

**Answer 5:**

ALTER DATABASE eDate SET RECOVERY FULL;

backup log eDate

to disk = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_log.bak'

with

init,

name = N'eDate\_log'

go

**Answer 6:**

insert into [Operation].[Members] ([Username],[Password],[FirstName],[LastName],

[CountryId],[EmailAddress],[GenderId],[BirthDate],[RegistrationDateTime])

values ('yog',64654654,'pol','chayun1602',2,'talchayun@walla.com',1,'01/06/1989',getdate())

**Answer 7:**

use master

go

restore database [eDate]

FROM DISK = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_full.bak'

WITH NORECOVERY, REPLACE;  
  
**Answer 8:**

use eDate

go

Database 'eDate' cannot be opened. It is in the middle of a restore.""

**Answer 9:**

USE [master]

go

RESTORE DATABASE [eDate]

FROM DISK = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_diff.bak'

WITH FILE = 1, STANDBY = N'C:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\Backup\eDate\_RollbackUndo\_2018-12-17\_21-17-02.bak',

NOUNLOAD, STATS = 5

**Answer 10:**

insert into [Operation].[Members] ([Username],[Password],[FirstName],[LastName],

[CountryId],[EmailAddress],[GenderId],[BirthDate],[RegistrationDateTime])

values ('mila',464521,'conis','chayun0605',2,'talchayun@walla.com',1,'01/06/1989',getdate())

"Failed to update database "eDate" because the database is read-only."

**Answer 11:**

use master

go

RESTORE DATABASE [eDate]

FROM DISK = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_log.bak'

WITH FILE = 1, STANDBY = N'C:\Program Files\Microsoft SQL Server\MSSQL14.MSSQLSERVER\MSSQL\Backup\eDate\_RollbackUndo\_2018-12-17\_21-17-02.bak',

NOUNLOAD, STATS = 5

**Answer 13:**

use master

go

RESTORE DATABASE edate WITH RECOVERY;

GO

**Answer 14:**

create database eDate\_snapshot\_1

on (name = 'eDate\_snapshot',

filename = 'C:\CourseMaterials\eDate\Backupfiles\eDate\_snapshot\_1.ss')

as snapshot of eDate

go

**Answer 16:**

BACKUP LOG edate

TO DISK = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_log\_2.bak'

GO

begin tran tran1 with mark

update [Operation].[Members] set [BirthDate] = getdate()

commit

select c.id as cid, c.name as cname, g.id as gid, g.name as gname

into countries\_per\_gander

from [Lists].[Countries] c join [Lists].[Genders] g

on c.id = g.id

go

BACKUP LOG edate

TO DISK = N'C:\CourseMaterials\eDate\Backupfiles\eDate\_log\_3.bak'

GO

select \* from msdb.dbo.logmarkhistory order by mark\_time

select position , name , database\_name , type

from msdb..backupset

RESTORE DATABASE edate

FROM disk N'C:\CourseMaterials\eDate\Backupfiles\eDate\_log\_2.bak'

WITH FILE = 8, RECOVERY;

GO