

28/10/25

## TASK-9

### BACKING UP and recovery in DATA BASE:

Aim: To perform backup and recovery operations in a SQL server.

(a) recovering database using incremental:

Backup database Banking DB -

To disk c:\SQL backup\Banking DB-  
BACK with differential INIT, STATS=10,

BACK UP DATABASE Banking DB

To disk: c:\SQL BACKUPS\Banking DB-BCK

with differential STATS=10,

DROP DATABASE Banking DB

From disk = c:\SQL BACKUP Banking DB  
diff Bck.

with recovery STATS=10,

Restore database Banking DB.

From disk: c:\SQL BACKUP. Banking DB-

with recovery STATS=10, full-back.

output:

10 percent processed

20 percent processed

100 percent processed

Backup DATABASE successfully processed

Restore DATABASE successfully processed.

b) Restoring the server parameter:

File Backup DATABASE master

To disk: c:\SQL BACKUPS master bck

with INIT:

RESTORE DATABASE mark  
FROM DISK : 'C:\SQL BACKUP, master-base  
WITH REPLACE;

output:

processed 320 pages for database master  
RESTORE DATABASE successfully processed

c) performing recovery with backup:

controlfile:

TO DISK

~~BACKUP~~ = 'C:\SQL BACKUPS msdb-back:  
WITH INIT;

RESTORE DATABASE msdb

FROM DISK : 'C:\SQL BACKUP, -msdb-base:

WITH REPLACE;

output:

processed 500 pages for database msdb  
RESTORE DATABASE successfully processed.

| VELTECH                 |        |
|-------------------------|--------|
| EX No.                  | 98     |
| PERFORMANCE (5)         | 5      |
| RESULT AND ANALYSIS (5) | 5      |
| VIVA VOCE (5)           |        |
| RECORD (5)              | 18     |
| TOTAL (20)              | 38     |
| SIGN WITH DATE          | 8/2/22 |

Result: Thus the databases are fully  
recovered using a backup control file  
executed successfully.