

Date: 06/10/2023

## TASK (Q2) SAVING UP AND RECOVERY IN DATABASE

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

(a) Recovering database using Incremental

BACKUP DATABASE Banking DB  
TO DISK = 'C:\SQL Backups/Banking-Full'  
WITH INIT, STATS = 10;

BACKUP DATABASE Banking DB  
TO DISK = 'C:\SQL Backups/Banking DB- diff'  
WITH DIFFERENTIAL, STATS = 10;  
DROP DATABASE Banking DB  
FROM DISK = 'C:\SQL Backup Banking DB  
diff BAK.

WITH RECOVERY, STATS = 10;  
RESTORE DATABASE Banking DB  
FROM DISK: 'C:\SQL Backup Banking DB-  
Full BAK'  
WITH RECOVERY, STATS = 10;

OUTPUT

10 percent processed

20 percent processed

100 percent processed

BACKUP DATABASE successfully processed

RESTORE DATABASE successfully processed



## Restoring the server parameters

File:

Backup DATABASE master

no disk = 'c:\sql backup\master.bak';

WITH INIT;

RESTORE DATABASE master

FROM DISK = 'c:\sql backup\master.bak';

WITH NORECOVERY;

Output: 320 pages for database 'master'.

Processed 320 pages for database 'master'.

RESTORE DATABASE successfully processed

Performance

Backup DATABASE master

no disk = 'c:\sql backup\master.bak';

WITH INIT;

RESTORE DATABASE master

FROM DISK = 'c:\sql backup\master.bak';

WITH NORECOVERY;

Output:

Processed 320 pages for database 'master'.

RESTORE DATABASE successfully processed.

EX No.	PERFORMANCE (5)	RESULT AND ANALYSIS (5)	VIVA VOCE (5)	RECORD (5)	TOTAL (20)	SIGN WITH DATE
1	9	5	5	1	15	

Resulting, the databases are & fully

recovered using a backup control

file executed successfully.