TASK9: Backing up and recovery in Database

Aim: To perform backup and recovery operations in the database System by implementing different recovery systems perform following backup and recovery scenarios.

a) Recovering a NOARCHIVE Log database with Backups with Backups

b) Restoring the serve parameters file

c) performing recovering with a backup Control file

Scenario :- 1. Recovering a NOARCHIVE database with backups.

step 1: Backup database

Backup database. (* mobile phone

to disk = 'n:l .DD - Back.ups | mobile - full backle
with no format, no limit;
Name = "full Database. backup",

Step 1 : Rewind, noun load, stats = 10;

step 2 : create incremental Backup
Backup database mobile phone to disk = 'D:'DB-
Backups|mobile phone - J.cher emental backup"
with different at | I noformal, no limit,
name = " Incremental database back up",

ship 1 Rewind, nourload, stats = 10;

step 3:- Stimulate data loss
Delete from ordes where order id= 10.' l &.

step 4 :- Restore fall database Backup
Restore database mobile phone
from disk= "0: | DB - Backups| mobiles full back'

skip , Rewind, noun load, stats = 10;

Step 2: create incremental Backup

Backup . database mobile phone

to disk = 'D: 'DB - Backups | mobile phone - J.chCn enantal
ba.ckup"

with differential, no format, no limit,

name: " Incremental database back.up",

ship . Rewind, nounload, stats = 10:

Step 5:- stimulate Dataloss

Delete from orders where order id = '0,'

110.

with replace (state = b;

Step 6 :- Recover database.

Restore database mobilephone with Recovery

Step 7 :- Verify database - is online.

Att a. database mobile phone

online law;

C10

Scenario : 2.- Recting the same parameter file (spelt)

Step 1:- Back up spfile.

Backup server parameter file

toile = " D: 1DBL Backups |

mobile - sp file. 40mi

Step 2 :- stimulate SPILE

Rename)spfile. mobile - or- as p file

mobile - old- or a.

Step 3 :- Restore control file
startup amount.;

Restore server parameter file. from

file = "D: 1 DB- Backup | mobile - phone - back;

Shutdown;

Start up;

Scenario : 3 . performing Recovery with a back up
   control file

Step 1 :- Back up Control file Back up Control file

   to file = "D : 1 DB - Backup | mobile phone - Control.
   file back;

Step 2 :- Stimulate. control file loss

   del. sp file mobile phone. era.

Step 3 :- Restore control file

   stack up mount

   Reverse Control file from file = "D 1 DB - Back up |

   mobile phone - control))

   file . back ";

Alter control file Rmk !

Step 4 ! - Runing Database

   Recorce database open Reset logs :

   SQL saver Commands

   * Backup Database
   * Restore Database
   * Restor Dedabase
   * Alter Database

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EX No.	S
PERFORMANCE (5)	C
RESULT AND ANALYSIS (5)	
VIVA VOCE (5)	A
RECORD (5)	
TOTAL (20)	
SIGN WITH DATE	

Result: Thus , the implementation of the Backing up and
recovery in database executed successfully.