Task 9:-

Backing up and recovery in data base.

To demonstrate how to backup and restore a NOARCHIVE LOG database using full and incremental backups, and recover data after a data loss incident in the collige slot booking database.

Scenario1:- Recovering a NOARCHIVELOG database with incremental backups.

S-1: Backup database.

Backup database collige_slot booking

To disk = " collige slot booking-Full backup.bak" with No Format, No intit, Name= 'Full database backup', skip, rewind, nounload, stats=10;

S-2: Create Incremental Backup

Backup database collige slot booking

To disk = "collige slot booking - Incremental backup. bak"

with differential, No format, No init,

Name = 'Incremental database backup',

skip, rewind, nounload, stats = 10;

S-3: Simulate data loss.

—Intentionally delete or modify data

S-4: Restore Database.

Restore database college slot booking from disk = "backup. file. bak" with replace.

S-5: Apply incremental backup

Restore database college slot booking from disk = "incremental _backup. bak" with replace.

S-6: Recover database.

Recover database college slot booking.

S-7: open database

Alter database college slot booking set online.

Scenario 2: Restoring the secure parameter file (SPFILE)

S-1: Backup SPFILE

Backup secure paramter file to file = "sp file. bak";

S-2: Simulate SPFILE loss

— Delete or modify SPFILE

S-3: Restore SPFILE

startup Mount

Restore Secure paramter file from
   file = 'spfile.bak';

shut down

start up

Scenario 3: performing recovery with a
backup control file

S-1: Backup control file.

Backup control file to file = "control-file.bak';

S-2: Simulate control file loss

Delete or modify control file.

S-3: Restore control file

Startup Mount

Restore control file from file = "control-fil.
   bak';

Alter control file Reuse;

S-4: Recover Database.

Alter Database open Resetlogs;

SQL Commands.

- Backup database
- Restore database
- Recover database
- Alter Database
- Backup   parameter file.
- Restore   parameter file.

Result:-

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