

Transacciones y Tablas temporales – Ejercicios

1. Crear índices personalizados.

```
CREATE INDEX index_tasks_summary ON tasks
USING GIST (
    summary
);
```

2. Transacción para transferir una tarea de un usuario a otro.

```
BEGIN;

UPDATE tasks
SET uid = 4
WHERE tid = 5 AND uid = 2;

SELECT * FROM tasks WHERE tid = 5;

COMMIT;
```

3. Transacción para clonar una tarea con sus etiquetas.

```
INSERT INTO tasks(title, summary, created_date, limit_date, uid, pid)
SELECT title || ' (clon)', summary, created_date, limit_date, uid, pid
FROM tasks
WHERE tid = 3;

SELECT MAX(tid) INTO TEMP new_task_id FROM tasks;

INSERT INTO task_tags(tid, tgid)
SELECT (SELECT MAX(tid) FROM tasks), tgid
FROM task_tags
WHERE tid = 3;

COMMIT;
```

4. Crear tabla temporal con tareas de prioridad media.

```
BEGIN;

CREATE TEMP TABLE temp_tareas_media
ON COMMIT DELETE ROWS
AS
SELECT
    t.tid,
    t.title,
    p.name AS prioridad
FROM tasks t
JOIN priority p ON t.pid = p.pid
WHERE p.name = 'Media';

SELECT * FROM temp_tareas_media;

COMMIT;
```