

Banco de Dados Hospitalar

SQL e PL/SQL


```
SELECT NOME
```

```
FROM PACIENTE
```

```
WHERE CPF IN (SELECT CPF
```

```
FROM ARTE) ;
```

```
SELECT NOME
```

```
FROM PACIENTE
```

```
WHERE CPF NOT IN (SELECT CPF_PACIENTE
```

```
FROM UTILIZA) );
```

```
SELECT med.nome FROM medico med WHERE  
    (SELECT COUNT(tr.cpf_paciente) FROM trata  
tr WHERE med.cpf = tr.cpf_medico ) > 1;
```



```
SELECT NOME FROM PACIENTE
```

```
UNION
```

```
SELECT NOME FROM MEDICO;
```



```
CREATE OR REPLACE TRIGGER QUARTO_LOTADO BEFORE INSERT OR UPDATE OF N_QUARTO ON
PACIENTE
FOR EACH ROW
DECLARE
    CONTADOR NUMBER;
BEGIN
    SELECT COUNT(*) INTO CONTADOR FROM PACIENTE WHERE N_QUARTO = :NEW.N_QUARTO;
    IF CONTADOR > 3 THEN
        RAISE_APPLICATION_ERROR(-20205, 'O quarto está cheio');
    END IF;
END;
```

```
CREATE OR REPLACE TRIGGER novo_supervisor BEFORE  
INSERT OR UPDATE OF SUPERVISOR ON MEDICO
```

```
FOR EACH ROW
```

```
BEGIN
```

```
    IF (:NEW.SUPERVISOR<>:OLD.SUPERVISOR) AND (:OLD.SUPERVISOR IS NOT NULL) THEN
```

```
        dbms_output.put_line('Atribuido novo supervisor: ':NEW.SUPERVISOR);
```

```
    ELSIF (:NEW.SUPERVISOR IS NULL) AND (:OLD.SUPERVISOR IS NOT NULL) THEN
```

```
        dbms_output.put_line('O médico de CRM' :NEW.CRM 'Não possui mais  
supervisor');
```

```
    ELSE
```

```
        dbms_output.put_line('Novo supervisor':NEW.CRM);
```

```
    END IF;
```

```
END;
```

