

Exercicis amb subconsultes per a practicar

1) Clients que viuen en ciutats que hi ha hotels (IN)

```
SELECT cl.nom, cl.cognoms, cl.ciutat FROM clients cl
WHERE cl.ciutat IN ( SELECT DISTINCT cl.ciutat FROM hotels h
```

2) Categories d'habitacions reservades (IN)

```
SELECT cat.categoria FROM categories cat
WHERE cat.idCategoria IN ( SELECT DISTINCT h.idCategoria FROM habitacions h,
                                                                    reserveshab rh
                                                                    WHERE rh.numHabitacio = h.numeroHabitacio )
```

3) Paisos amb clients i hotels (UNION)

```
SELECT p.pais FROM paisos p, clients c
WHERE p.idPais = c.idPais
UNION
SELECT p.pais FROM paisos p, hotels h
WHERE p.idPais = h.idPais
```

4) Hotels que ofereixen spa o piscina (IN)

```
SELECT h.nomHotel FROM hotels h
WHERE h.idHotel IN ( SELECT DISTINCT sh.idHotel FROM serveis s, serveishotels sh
                    WHERE (s.nomServei = "Spa" OR s.nomServei = "Piscina") AND
                           s.idServei = sh.idServei )
```

5) Categories d'hotels de 3 i 5 estrelles (UNION)

```
SELECT DISTINCT h.estrelles, "Estrelles" as Estrelles, "Categoria" as Categoria,  
                c.idCategoria
```

```
FROM hotels h, categories c, habitacions hab
```

```
WHERE h.estrelles = 5 AND hab.idHotel = h.idHotel AND hab.idCategoria = c.idCategoria
```

```
UNION
```

```
SELECT DISTINCT h.estrelles, "Estrelles" as Estrelles, "Categoria" as Categoria,  
                c.idCategoria
```

```
FROM hotels h, categories c, habitacions hab
```

```
WHERE h.estrelles = 3 AND hab.idHotel = h.idHotel AND hab.idCategoria = c.idCategoria
```