

CPSC 304: Introduction to Relational Databases
Tutorial #5 Solution: Introduction to SQL Using Oracle's SQL*Plus

1.

```
SELECT      *  
FROM        authors;
```
2.

```
describe    titles;
```
3.

```
SELECT      au_fname AS FirstName,  
            au_lname AS LastName  
FROM        authors;
```
4.

```
SELECT      *  
FROM        authors  
WHERE       city = "Walnut Creek";
```
5.

```
SELECT      title_id, qty_ordered-qty_shipped  
FROM        salesdetails  
WHERE       qty_shipped < qty_ordered;
```
6.

```
SELECT      title, price  
FROM        titles  
WHERE       type = "business" and price >= 20 AND price <= 30;
```
7.

```
SELECT      au_lname  
FROM        authors  
WHERE       au_lname LIKE "%Y%" OR au_lname LIKE "%y%";
```
8.

```
SELECT      t.title, p.pubname  
FROM        titles t, publishers p  
WHERE       p.pub_id = t.pub_id  
ORDER BY    t.title;
```

9.

```
SELECT      au_fname, au_lname
FROM        authors A, titles T, titleauthors TA
WHERE       A.au_id = TA.au_id      AND
            TA.title_id = T.title_id AND
            T.title = "Secrets of Silicon Valley";
```

10.

```
SELECT      distinct title
FROM        titles T, titleauthors TA1, titleauthors TA2
WHERE       TA1.au_id <> TA2.au_id    AND
            TA1.title_id = TA2.title_id AND
            TA1.title_id = T.title_id;
```

11. (Students can get creative here for their choice of query.)