**2.** SELECT c.cust\_no, c.cname, o.order\_no  
FROM orders o  
RIGHT JOIN customers c ON o.cust\_no = c.cust\_no   
INNER JOIN orderlines ol ON o.order\_no = ol.order\_no   
WHERE c.cname LIKE '%Out%' AND (ol.prod\_no = 40301 OR ol.prod\_no = 40303 OR  
ol.prod\_no = 40300 OR ol.prod\_no = 40310 OR ol.prod\_no = 40306)  
ORDER BY o.order\_no;

**3. // Don’t know how to search input**

**SELECT cust\_no, cname, country\_cd**

**FROM customers**

**WHERE country\_cd =&country\_cd;**

**4.** SELECT ord.cust\_no, cname, address1, ordl.order\_no, prod\_name, sum(price\* qty) LineSales  
FROM customers cs  
JOIN orders ord  
        on  cs.cust\_no = ord.cust\_no  
JOIN orderlines ordl  
        on ordl.order\_no = ord.order\_no  
JOIN products pd  
        on ordl.prod\_no = pd.prod\_no    
JOIN countries ct  
        on cs.country\_cd = ct.country\_id  
WHERE country\_name like 'United Kingdom'     
AND cs.city like 'L%'  
AND cs.cust\_no < 1000  
GROUP BY cname, ord.cust\_no, ordl.order\_no, prod\_name  
ORDER BY 1;

**5.** SELECT c.cname, ol.order\_no, SUM(ol.price \* ol.qty)  
FROM orders o  
INNER JOIN customers c ON o.cust\_no = c.cust\_no   
INNER JOIN orderlines ol ON o.order\_no = ol.order\_no  
WHERE c.city = 'London'  
GROUP BY (c.cname, ol.order\_no)  
ORDER BY SUM(ol.price \* ol.qty) DESC;

**6.** SELECT c.cust\_no, c.cname, c.address1, c.city, cou.country\_name  
FROM customers c  
JOIN orders o ON o.cust\_no = c.cust\_no  
JOIN countries cou ON c.country\_cd = cou.country\_id  
WHERE o.order\_dt LIKE '%2014'   
AND (cou.country\_id = 'DE' OR cou.country\_id = 'CA' OR cou.country\_id = 'ES' OR cou.country\_id = 'IT');

**7.** SELECT order\_dt, COUNT(order\_no)

FROM orders

GROUP BY order\_dt

HAVING (order\_dt LIKE '%2014' OR order\_dt LIKE '%2015') AND COUNT(order\_no) > 2;

**8.** SELECT department\_id, job\_id, MIN(salary)

FROM employees

GROUP BY department\_id, job\_id

HAVING (MIN(salary) BETWEEN 5000 AND 10000) AND job\_id NOT LIKE '%REP'

AND department\_id != 60 AND department\_id != 80

ORDER BY department\_id, job\_id;

**9. SELECT COUNT(c.cust\_no)**

**FROM customers c**

**LEFT OUTER JOIN orders o ON c.cust\_no = o.cust\_no**

**WHERE o.cust\_no IS NULL;**

**10. SELECT c.cust\_no, c.cname, co.country\_name**

**FROM customers c**

**JOIN countries co ON c.country\_cd = co.country\_id**

**WHERE c.cname BETWEEN 'A%' AND 'D%'**

**AND c.country\_cd IN (SELECT country\_cd**

**FROM customers**

**WHERE cname LIKE 'Su%');**

**11. SELECT employee\_id, last\_name, job\_id,**

**CASE**

**WHEN job\_id LIKE '%VP' THEN (salary\*1.3)**

**WHEN job\_id LIKE '%MAN' OR job\_id LIKE '%MGR' THEN (salary\*1.2)**

**ELSE salary**

**END AS newSalary**

**FROM employees**

**WHERE (job\_id LIKE '%VP' OR job\_id LIKE '%MAN' OR job\_id LIKE '%MGR')**

**AND salary NOT BETWEEN 6000 AND 11000**

**ORDER BY salary DESC;**

**12.** **SELECT e.last\_name, e.salary, e.job\_id**

**FROM employees e**

**WHERE (e.job\_id NOT LIKE '%PRES') AND (e.job\_id NOT LIKE '%VP')**

**AND e.salary > ALL (SELECT MIN(e.salary)**

**FROM employees e**

**JOIN**

**departments d ON e.department\_id = d.department\_id**

**JOIN locations l ON d.location\_id = l.location\_id**

**WHERE (l.country\_id != 'US'))**

**ORDER BY e.job\_id;**

**13. SELECT m.last\_name, e.last\_name**

**FROM employees m**

**INNER JOIN employees e ON e.manager\_id = m.employee\_id**

**ORDER BY m.last\_name;**