1. 1. SELECT MECHNAME, AGE  
      FROM MECHANIC;
   2. SELECT AIRNAME  
      FROM AIRPORT  
      WHERE STATE=‘California’  
      AND SIZE>20  
      AND YERAOPENED>1935  
      ORDERBY SIZE;
   3. SELECT AIRNAME, AVG(SIZE)  
      FROM AIRPORT  
      WHERE STATE=‘California’  
      AND SIZE>20  
      AND YERAOPENED>1935;
   4. SELECT AIRNAME  
      FROM AIRPORT  
      WHERE STATE=‘California’  
      AND SIZE>20  
      AND YERAOPENED>1935;
   5. SELECT COUNT(AIRNAME)  
      FROM AIRPORT  
      WHERE STATE=‘California’  
      AND YEAROPENED>1935;
   6. SELECT STATE, COUNT(AIRNAME)  
      FROM AIRPORT  
      WHERE YEAROPENED>1935  
      GROUPBY STATE;
   7. SELECT STATE, COUNT(AIRNAME)  
      FROM AIRPORT  
      WHERE YEAROPENED>1935  
      GROUPBY STATE  
      HAVING COUNT(AIRNAME)>=5;
   8. SELECT MECHNAME  
      FROM MECHANIC  
      WHERE AIRNAME= (SELECT AIRNAME  
       FROM AIRPORT  
       WHERE STATE=‘California’);
   9. SELECT MECHNAME  
      FROM MECHANIC  
      WHERE MECHNUM=  
       (SELECT MECHNUM  
       FROM QUALIFICATION  
       WHERE PROFATE  
       AND SKILLNUM=  
       (SELECT SKILLNUM  
       FROM SKILL  
       WHERE SKILLNAME=  
       ‘Fan blade replacement’));
   10. SELECT MECHNAME  
       FROM MECHANIC  
       WHERE MECHNUM=  
        (SELECT MECHNUM  
        FROM QUALIFICATION  
        WHERE PROFATE  
        AND SKILLNUM=  
        (SELECT SKILLNUM  
        FROM SKILL  
        WHERE SKILLNAME=  
        Fan blade replacement))  
       AND AIRNAME = (SELECT AIRNAME  
        FROM AIRPORT  
        WHERE STATE=‘California’);
   11. SELECT CITY, SUM(SALARY)  
       FROM MECHANIC, AIRPORT  
       WHERE MECHANIC.AIRNAME=  
        AIRPORT.AIRNAME  
       AND STATE=‘‘California’’  
       GROUPBY CITY;
   12. SELECT AIRNAME, MAX(SIZE)  
       FROM AIRPORT;
   13. SELECT AIRNAME, MAX(SIZE)  
       FROM AIRPORT  
       WHERE STATE=‘California’;
2. 1. SELECT SUPLIERNAME  
      FROM SUPLIER  
      WHERE CITY IN (‘London’, ‘Liverpool’, ‘Manchester’)  
      AND COUNTRY=UK;
   2. SELECT SUPPLIERNAME  
      FROM SUPPLIER, PART  
      WHERE SUPPLIER.SUPPLIERNUM=  
       PART.SUPPLIERNUM  
      AND PARTTYPE=‘Motor’  
      AND COST BETWEEN 50 AND 100;
   3. SELECT AVG(COST)  
      FROM PART  
      WHERE PARTTYPE=‘Motor’  
      AND SUPPLIERNUM=3728;
   4. SELECT INSPECTORNAME  
      FROM INSPECTOR, INSPECTION,  
       APPLIANCE  
      WHERE INSPECTOR. INSPECTORNUM=  
       INSPECTION. INSPECTORNUM  
      AND INSPECTION.APPLIANCENUM=  
       APPLIANCE. APPLIANCE  
      AND DATEINSPECTED=’April 17, 2011’;
   5. SELECT MAX(SCORE)  
      FROM INSPECTION, APPLIANCE  
      WHERE INSPECTION. APPLIANCENUM=  
       APPLIANCE. APPLIANCENUM  
      AND DATEINSPECTION=’November  
       3,2011’  
      AND APPLIANCENAME=’Refrigerator’;
   6. SELECT BUYER, SUM(PRICE)  
      FROM APPLIANCE, BUYER  
      WHERE BUYER.BUYERNUM=  
       APPLIANCE. BUYERNUM  
      AND COUNTRY IN (‘Mexico’,  
       ‘Venezuela’, ‘Argentina’)  
      GROUPBY BUYER;
   7. SELECT APPLIANCENAME, SUM(COST)  
      FROM APPLIANCE, PARTS  
      WHERE APPLIANCE. APPLIANCENUM=  
       PARTS. APPLIANCENUM  
      AND DAT3MANUFACTURED=  
       ’February 28, 2010’  
      AND SUM(COST)>=200;
   8. SELECT INSPECTORNAME, MAX(SALARY)  
      FROM INSPECTOR;
   9. SELECT INSPECTORNAME, MAX(SALARY)  
      FROM INSPECTOR  
      WHERE DATEHIRE LIKE ‘%2009’;
   10. SELECT INSPECTORNAME, SALARY  
       FROM INSPECTOR  
       WHERE SALARY > (SELECT MAX(SALARY)  
        FROM INSPECTOR  
        WHERE DATEHIRE LIKE ‘%2009’);