Quiz

Question 1:

select ename "Emp Name" , to\_char(hiredate , 'fmDay') "Day" , decode(to\_char(hiredate , 'fmDay') , 'Monday' , 'A+' , 'Tuesday' , 'A' , 'Wednesday' , 'B+' , 'Thursday' , 'B' , 'Friday' , 'C+' , 'Saturday' , 'C' , 'Sunday' , 'D')

from emp

order by to\_char(hiredate + 4 , 'fmDay')

Result:

|  |  |  |
| --- | --- | --- |
| **Emp Name** | **Day** | **DE** |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| MARTIN | Monday | A+ |
| JONES | Thursday | B |
| SCOTT | Thursday | B |
| JAMES | Thursday | B |
| FORD | Thursday | B |
| H N A | Thursday | B |
| **Emp Name** | **Day** | **DE** |
| CLARK | Tuesday | A |
| KING | Tuesday | A |
| TURNER | Tuesday | A |
| SMITH | Wednesday | B+ |
| ADAMS | Wednesday | B+ |
| WARD | Sunday | D |
| M N O | Sunday | D |
| Muhammad | Sunday | D |
| Muhammad | Sunday | D |
| M N O | Sunday | D |
| M N O | Sunday | D |
| ALLEN | Friday | C+ |
| A\_B | Friday | C+ |
| AB\_CD\_GHQ | Friday | C+ |
| **Emp Name** | **Day** | **DE** |
| A%B%C | Friday | C+ |
| A%B%C | Friday | C+ |
| A%B%C | Friday | C+ |
| A%B%C | Friday | C+ |
| A%B%C | Friday | C+ |
| A%B%C | Friday | C+ |
| A%B | Friday | C+ |
| A\_B\_C | Friday | C+ |
| A\_B | Friday | C+ |
| BLAKE | Friday | C+ |
| MILLER | Saturday | C |

Question 2:

select ename , hiredate , to\_char(next\_day(add\_Months(hiredate , 6) , 'Monday') , 'fmDay ", the " ddspth " of " Month ", " YYYY') as "Review"

from emp

Result:

|  |  |  |
| --- | --- | --- |
| **ENAME** | **HIREDATE** | **Review** |
| SMITH | 17-DEC-80 | Monday , the twenty-second of June , 1981 |
| ALLEN | 20-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| WARD | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| JONES | 02-APR-81 | Monday , the fifth of October , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| BLAKE | 01-MAY-81 | Monday , the second of November , 1981 |
| CLARK | 09-JUN-81 | Monday , the fourteenth of December , 1981 |
| SCOTT | 09-DEC-82 | Monday , the thirteenth of June , 1983 |
| KING | 17-NOV-81 | Monday , the twenty-fourth of May , 1982 |
| TURNER | 08-SEP-81 | Monday , the fifteenth of March , 1982 |
| ADAMS | 12-JAN-83 | Monday , the eighteenth of July , 1983 |
| JAMES | 03-DEC-81 | Monday , the seventh of June , 1982 |
| FORD | 03-DEC-81 | Monday , the seventh of June , 1982 |
| MILLER | 23-JAN-82 | Monday , the twenty-sixth of July , 1982 |
| **ENAME** | **HIREDATE** | **Review** |
| A\_B | 01-MAY-81 | Monday , the second of November , 1981 |
| A\_B | 01-MAY-81 | Monday , the second of November , 1981 |
| A\_B\_C | 01-MAY-81 | Monday , the second of November , 1981 |
| AB\_CD\_GHQ | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| A%B%C | 01-MAY-81 | Monday , the second of November , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| **ENAME** | **HIREDATE** | **Review** |
| Muhammad | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| Muhammad | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| M N O | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| M N O | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |
| M N O | 22-FEB-81 | Monday , the twenty-fourth of August , 1981 |
| H N A | 02-APR-81 | Monday , the fifth of October , 1981 |
| MARTIN | 28-SEP-81 | Monday , the twenty-ninth of March , 1982 |

Question 3:

select count(\*) "Total" , count(decode(to\_char(hiredate , 'fmYYYY') , '1980' , '1')) "1980" , count(decode(to\_char(hiredate , 'fmYYYY') , '1981' , '1')) "1981" , count(decode(to\_char(hiredate , 'fmYYYY') , '1982' , '1')) "1982" , count(decode(to\_char(hiredate , 'fmYYYY') , '1983' , '1')) "1983"

from emp

Result:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Total** | **1980** | **1981** | **1982** | **1983** |
| 39 | 1 | 35 | 2 | 1 |

Question 4:

select job , hiredate "Old Emp" , lpad(sal , 10 , '$') as "High Sal"

from emp

group by job , sal , hiredate

having hiredate = min(hiredate)

order by sal desc

Result:

|  |  |  |
| --- | --- | --- |
| **JOB** | **Old Emp** | **High Sal** |
| PRESIDENT | 17-NOV-81 | $$$$$$5000 |
| ANALYST | 03-DEC-81 | $$$$$$3000 |
| ANALYST | 09-DEC-82 | $$$$$$3000 |
| MANAGER | 02-APR-81 | $$$$$$2975 |
| MANAGER | 01-MAY-81 | $$$$$$2850 |
| MANAGER | 09-JUN-81 | $$$$$$2450 |
| SALESMAN | 20-FEB-81 | $$$$$$1600 |
| SALESMAN | 08-SEP-81 | $$$$$$1500 |
| CLERK | 23-JAN-82 | $$$$$$1300 |
| SALESMAN | 22-FEB-81 | $$$$$$1250 |
| SALESMAN | 28-SEP-81 | $$$$$$1250 |
| CLERK | 12-JAN-83 | $$$$$$1100 |
| CLERK | 03-DEC-81 | $$$$$$$950 |
| CLERK | 17-DEC-80 | $$$$$$$800 |

select max(e.sal) + max(f.sal) + max(g.sal) "MAX" , min(e.sal) + min(f.sal) + min(g.sal) "MIN"

from emp e , emp f , emp g

|  |  |
| --- | --- |
| **MAX** | **MIN** |
| 15000 | 2400 |