

WRITTEN TEST

First Question

1. SELECT EMPL.EmpNo AS employeenumber,EMPL.Name AS Name,EMPL.LastName AS surname

FROM EMPLOYEES TABLE EMPL

INNER JOIN TIME TABLE TIME ON

EMPL.Empno=TIME.Empno

WHERE EMPL.Address LIKE '%Hama%'

AND DATEDIFF(year,EMPL.HireDate,getdate())>=10;

2. SELECT EMPL.name AS Name, EMPL.lastname AS Surname

FROM EMPLOYEES TABLE EMPL

WHERE(EMPL.Degree=2 AND EMPL.Certificate='(Eng)') OR

(EMPL.Degree=3 AND EMPL.Hiredate='2003-05-25');

3. SELECT EMPL.Name AS Name,EMPL.LastName AS surname

FROM EMPLOYEES TABLE EMPL

LEFT JOIN TIME TABLE TIME ON

EMPL.Empno=TIME.Empno

WHERE ISNULL(TIME,STARTWORK,"")="";

4. UPDATE EMPLOYEEESTABLE SET

Degree=(Degree+1)

WHERE DATEDIFF(year,HireDate,GETDATE())>4;

5. SELECT Degree AS employment degree, EmpNo AS employees number

FROM EMPLOYEES TABLE

WHERE Degree>=21;

6. SELECT EMPL.Name AS name,EMPL.LastName AS surname,EMPL.Address AS address,EMPL.Certificate AS certificate

FROM EMPLOYEES TABLE EMPL

WHERE Address LIKE'12%';

Second Question

1. SELECT EMPL.Empno AS Employeenumber,EMPL.name AS NAmE,EMPL.LastName as Surname,DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK) AS DailyWorkHours

FROM EMPLOYEES TABLE EMPL

INNER JOIN TIME TABLE TIME ON

EMPL.Empno=TIME.Empno;

2. SELECT * FROM EMPLOYEES TABLE

WHERE Empno AS Employeenumber,DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK) AS MonthlyWorkHours;

3. SELECT EPML.Empno AS Employeenumber,DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK)*150 AS SALARY

FROM EMPLOYEES TABLE EMPL

INNER JOIN TIME TABLE TIME ON

EMPL.EmpNo= TIME.EmpNo;

4. SELECT EPML.Empno AS Employeenumber,DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK)*150 AS SALARY

FROM EMPLOYEES TABLE EMPL

INNER JOIN TIME TABLE TIME ON

EMPL.EmpNo= TIME.EmpNO

LEFT JOIN WAGESTABLE WAGES ON WAGES.Degree=TIME.Degree

GROUP BY EMPL.HireDate, EMPL.Degree,WAGES.HourWages, Empl.Empno, TIME.STARTWORK, TIME.ENDWORK;

Fourth Question

CREATE VIEW

SELECT EPML.Empno AS Employeenumber,DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK)*150 AS SALARY

FROM EMPLOYEES TABLE EMPL

WHERE DATEIFF(hh,TIME.STARTWORK,TIME.ENDWORK)>8;

Fifth Question

CREATE SEQUENCE TESTSEQ.Count

START WITH 15

INCREMENT BY 15

MINVALUE 8

MAXVALUE 200

CYCLE

CACHE