Lab 4 Solutions

Lab 6 Solutions

**Exercise 1**

**1.** CREATE VIEW EX1 AS

SELECT W.EMPLOYEEID , E.FIRSTNAME , E.LASTNAME ,W.PROJECTID , (W.ASSIGNEDTIME/(SELECT SUM(W2.ASSIGNEDTIME)

FROM WORKSON W2 WHERE W.EMPLOYEEID=W2.EMPLOYEEID)) ASSIGNEDTIME

FROM WORKSON W , EMPLOYEES E , PROJECTS P

WHERE E.EMPLOYEEID = W.EMPLOYEEID AND W.PROJECTID = P.PROJECTID AND

P.DESCRIPTION='Robotic Spouse';

**2.** SELECT FIRSTNAME,LASTNAME FROM EX1

WHERE ASSIGNEDTIME=(SELECT MAX(ASSIGNEDTIME) FROM

EX1);

**3.** CREATE VIEW EDETAIL AS

SELECT E.EMPLOYEEID, E.FIRSTNAME , E.LASTNAME , D.NAME, E.SALARY FROM EMPLOYEES E , DEPARTMENTS D WHERE E.DEPTCODE=D.CODE;

**4.** SELECT FIRSTNAME,LASTNAME FROM EDETAIL

WHERE NAME='Consulting';

**5.** CREATE VIEW AA1 AS

SELECT W.PROJECTID, P.DEPTCODE, DESCRIPTION, STARTDATE, ENDDATE, REVENUE, (W.ASSIGNEDTIME/ (SELECT SUM (W2.ASSIGNEDTIME)

FROM WORKSON W2

WHERE W.EMPLOYEEID=W2.EMPLOYEEID)) ASSIGNEDTIME FROM EMPLOYEES E, WORKSON W, PROJECTS P

WHERE E.EMPLOYEEID = W.EMPLOYEEID AND W.PROJECTID = P.PROJECTID AND FIRSTNAME='Abe' AND LASTNAME ='Advice';

**6.** SELECT SUM(ASSIGNEDTIME) FROM AA1;

**7.** CREATE VIEW OO AS

SELECT EMPLOYEEID,FIRSTNAME,LASTNAME,SALARY FROM EMPLOYEES;

UPDATE OO SET SALARY=(SALARY+(0.10\*SALARY));

*Note: Solutions provided are for your own reference and may have other possible variations or interpretations. In case of any*

*query, kindly contact your lab instructors.*