Ambioris Lora

Database 1

Final Project

Fall2020

Query 1

SELECT D\_NAME

FROM Doctors

WHERE D\_CONTACT LIKE '978\*';

Result:

| **1** |
| --- |
| **D\_NAME** |
| MARY SMITH |
| PATRICIA JOHNSON |
| LINDA WILLIAMS |

2.

SELECT P\_NAME, P\_DISEASE, T\_RESULT

FROM Patients AS P, Tests AS T

WHERE P\_DISEASE LIKE '\*cancer\*' and P.P\_ID IN (SELECT P\_ID FROM Tests) and T.P\_ID = P.P\_ID;

| **2** | | |
| --- | --- | --- |
| **P\_NAME** | **P\_DISEASE** | **T\_RESULT** |
| MARK WHITE | Prostate Cancer | Negative |
| HELEN HARRIS | Cancer | Positive |
| SANDRA MARTIN | Bladder Cancer | Positive |

3.

SELECT D\_NAME

FROM Doctors, Tests

WHERE Doctors.D\_ID = Tests.D\_ID AND T\_RESULT = "Positive"

GROUP BY D\_NAME

HAVING COUNT(T\_ID) >= ALL(

SELECT COUNT(T\_ID)

FROM Doctors, Tests

WHERE Doctors.D\_ID = Tests.D\_ID AND T\_RESULT = "Positive"

GROUP BY Doctors.D\_ID);

| **3** |
| --- |
| **D\_NAME** |
| JAMES SMITH |

4.

SELECT D\_NAME, D\_YEARS\_OF\_EXPERIENCE

FROM DOCTORS

WHERE D\_YEARS\_OF\_EXPERIENCE >= ALL(SELECT D\_YEARS\_OF\_EXPERIENCE FROM DOCTORS);

| **4** | |
| --- | --- |
| **D\_NAME** | **D\_YEARS\_OF\_EXPERIENCE** |
| ELIZABETH BROWN | 31 |

5.

SELECT P\_NAME

FROM Patients

WHERE P\_STREET IN (SELECT D\_STREET FROM Doctors WHERE D\_NAME = "JAMES SMITH");

| **5** |
| --- |
| **P\_NAME** |
| NANCY THOMAS |
| BETTY WHITE |

6.

SELECT P.P\_NAME

FROM Patients AS P, P\_assignment AS a

WHERE (((P.P\_ID)=[a].[P\_ID]))

GROUP BY P.P\_NAME

HAVING (((Count(a.P\_ID))>=2));

| **6** |
| --- |
| **P\_NAME** |
| ANTHONY RODRIGUEZ |
| BETTY WHITE |
| BRIAN ROBINSON |
| CAROL GARCIA |
| CHARLES WILSON |
| CHRISTOPHER ANDERSON |
| DAVID DAVIS |
| DEBORAH WALKER |
| DONALD HARRIS |
| DONNA THOMPSON |
| DOROTHY TAYLOR |
| HELEN HARRIS |
| JASON LEE |
| KAREN JACKSON |
| KENNETH THOMPSON |
| KEVIN LEWIS |
| KIMBERLY LEE |
| LAURA RODRIGUEZ |
| LISA ANDERSON |
| MARIA MILLER |
| MATTHEW WALKER |
| MICHELLE CLARK |
| NANCY THOMAS |
| RICHARD MILLER |
| RUTH MARTINEZ |
| SARAH LEWIS |
| SHARON ROBINSON |
| STEVEN GARCIA |

7.

SELECT P\_NAME

FROM Patients AS P

WHERE P.P\_ID NOT IN (SELECT T.P\_ID FROM Tests T);

| **7** |
| --- |
| **P\_NAME** |
| GEORGE MARTIN |
| RONALD CLARK |
| ANTHONY RODRIGUEZ |
| KEVIN LEWIS |
| JASON LEE |
| MATTHEW WALKER |
| SUSAN WILSON |
| MARGARET MOORE |

8.

SELECT D\_Name, COUNT(D\_Name)

FROM Doctors INNER JOIN P\_assignment ON Doctors.D\_ID = P\_assignment.D\_ID

GROUP BY D\_Name

ORDER BY COUNT(D\_NAME) DESC;

| **8** | |
| --- | --- |
| **D\_Name** | **Expr1001** |
| PATRICIA JOHNSON | 13 |
| MARY SMITH | 11 |
| LINDA WILLIAMS | 11 |
| JAMES SMITH | 10 |
| WILLIAM BROWN | 8 |
| MICHAEL JONES | 7 |
| JOHN JOHNSON | 7 |
| ELIZABETH BROWN | 5 |
| BARBARA JONES | 5 |
| ROBERT WILLIAMS | 3 |

9.

UPDATE Doctors SET D\_YEARS\_OF\_EXPERIENCE = D\_YEARS\_OF\_EXPERIENCE + 1;

| **9** |
| --- |
| **D\_YEARS\_OF\_EXPERIENCE** |
| 11 |
| 14 |
| 5 |
| 16 |
| 19 |
| 11 |
| 6 |
| 29 |
| 20 |
| 32 |

10.

DELETE \*

FROM Tests

WHERE T\_RESULT = "NEGATIVE";

| **Tests** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **T\_ID** | **T\_NAME** | **P\_ID** | **D\_ID** | **I\_ID** | **T\_DATE** | **T\_RESULT** |
| 0 | Test0 | 1037 | 3 | 2 | 8/19/1997 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 2 | Test2 | 1011 | 3 | 0 | 12/29/2003 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 4 | Test4 | 1030 | 4 | 6 | 6/17/2010 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 7 | Test7 | 1036 | 1 | 5 | 10/6/1992 | Positive |
| 8 | Test8 | 1024 | 8 | 1 | 6/9/2010 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 10 | Test10 | 1038 | 8 | 5 | 6/23/2012 | Positive |
| 11 | Test11 | 1034 | 3 | 3 | 12/1/2004 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 13 | Test13 | 1007 | 0 | 8 | 8/29/2011 | Positive |
| 14 | Test14 | 1002 | 2 | 1 | 3/20/2008 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 17 | Test17 | 1005 | 5 | 0 | 5/24/2012 | Positive |
| 18 | Test18 | 1032 | 6 | 4 | 7/19/2001 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 23 | Test23 | 1027 | 6 | 5 | 3/31/2008 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 25 | Test25 | 1000 | 9 | 3 | 11/29/2004 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 28 | Test28 | 1038 | 0 | 3 | 11/24/1997 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 32 | Test32 | 1032 | 1 | 5 | 8/20/1998 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 34 | Test34 | 1033 | 4 | 2 | 11/19/1994 | Positive |
| 35 | Test35 | 1009 | 1 | 9 | 8/28/2008 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 38 | Test38 | 1037 | 0 | 4 | 7/26/2004 | Positive |
| 39 | Test39 | 1011 | 0 | 5 | 7/1/2005 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
| 41 | Test41 | 1012 | 7 | 1 | 7/4/2009 | Positive |
| 42 | Test42 | 1031 | 0 | 5 | 4/15/2007 | Positive |
| 43 | Test43 | 1013 | 6 | 5 | 9/12/2003 | Positive |
| 44 | Test44 | 1035 | 2 | 0 | 3/11/2001 | Positive |
| 45 | Test45 | 1014 | 0 | 8 | 2/11/2006 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |
|  | #Deleted |  |  |  |  | #Deleted |
| 48 | Test48 | 1029 | 4 | 0 | 5/8/2007 | Positive |
|  | #Deleted |  |  |  |  | #Deleted |