| | |
|---|---|
| **Started on** | Friday, 5 May 2023, 8:19 AM |
| **State** | Finished |
| **Completed on** | Friday, 5 May 2023, 8:53 AM |
| **Time taken** | 34 mins 4 secs |
| **Marks** | 7.00/12.00 |
| **Grade** | **5.83** out of 10.00 (**58**%) |

Diketahui:

Tabel toys

| toy_id | toy | |
|---|---|---|
| 1 | hula hoop | 9B |
| 2 | balsa glider | 12B |
| 3 | toy soldiers | 12B |
| 4 | harmonica | 9B |
| 5 | baseball cards | 14B |
| 6 | tinker toys | 11B |
| 7 | etch-a-sketch | 13B |
| 8 | slinky | 6B |

tabel girls

| girl_id | girl | | toy_id |
|---|---|---|---|
| 1 | Jane | 4B | 3 |
| 2 | Sally | 5B | 4 |
| 3 | Cindy | 5B | 1 |

Hasil :

| girl | | toy | |
|---|---|---|---|
| Jane | 4B | toy soldiers | 12B |
| Sally | 5B | harmonica | 9B |
| Cindy | 5B | hula hoop | 9B |

Hasil tersebut diperoleh dari:

SELECT g.girl, t.toy FROM girls g ……….....….. toys t ON g.toy_id = t.toy_id

Isian yang tepat untuk soal di atas adalah:

- a. INNER JOIN ✗

- b. RIGHT JOIN

- c. SELF JOIN

- d. OUTER JOIN

- e. LEFT OUTER JOIN

Your answer is incorrect.

The correct answer is:
LEFT OUTER JOIN

Sebuah tabel berikut:

Toys t

| toy_id | toy |
|---|---|
| 1 | hula hoop |
| 2 | balsa glider |
| 3 | toy soldiers |
| 4 | harmonica |
| 5 | baseball cards |

Boys b

| boy_id | boy | | toy_id |
|---|---|---|---|
| 1 | davey | 5B | 3 |
| 2 | bobby | 5B | 5 |
| 3 | beaver | 6B | 2 |
| 4 | richie | 6B | 1 |

Hasil:

| boy | | toy | |
|---|---|---|---|
| davey | 5B | toy soldiers | 12B |
| bobby | 5B | baseball cards | 14B |
| beaver | 6B | balsa glider | 12B |
| richie | 6B | hula hoop | 9B |

Untuk mendapatkan hasil di atas, maka kita sintaks yang kita butuhkan adalah:

SELECT boys.boy, toys.toy FROM boys …………………………. toys ON boys.toy_id = toys.toy_id

Isian yang tepat untuk soal tersebut adalah:

- ○ a. SELF JOIN

- ○ b. LEFT JOIN

- ○ c. OUTER JOIN

- ◉ d. INNER JOIN ✔

- ○ e. RIGHT JOIN

Your answer is correct.

The correct answer is:

Question **3**

Correct

Mark 1.00 out of 1.00

1.  Perhatikan sintaks berikut ini:

UPDATE Staff …………  position = 'Assistant Manager' WHERE salary = (SELECT min(salary) FROM Staff)

Isian di atas yang tepat adalah SET (T/F)

Select one:

◉ True ✔

○ False

The correct answer is 'True'.

Question **3**

Diketahui:

Tabel toys

| toy_id | toy | |
|---|---|---|
| 1 | hula hoop | 9B |
| 2 | balsa glider | 12B |
| 3 | toy soldiers | 12B |
| 4 | harmonica | 9B |
| 5 | baseball cards | 14B |
| 6 | tinker toys | 11B |
| 7 | etch-a-sketch | 13B |
| 8 | slinky | 6B |

tabel girls

| girl_id | girl | | toy_id |
|---|---|---|---|
| 1 | Jane | 4B | 3 |
| 2 | Sally | 5B | 4 |
| 3 | Cindy | 5B | 1 |

Output:

| girl | | toy | |
|---|---|---|---|
| Jane | 4B | toy soldiers | 12B |
| Sally | 5B | harmonica | 9B |
| Cindy | 5B | hula hoop | 9B |

Maka sintaks sql-nya adalah:

SELECT g.girl, t.toy FROM toys t ……………….girls g ON g.toy_id = t.toy_id

Isian yang tepat untuk soal di atas adalah:

- a. LEFT OUTER JOIN

- b. INNER JOIN  ✖

- c. RIGHT OUTER JOIN

d. OUTER JOIN

e. SELF JOIN

Question **5**

Correct

Mark 1.00 out of 1.00

Pada left outer join,

Right table merupakan tabel yang muncul setelah join

Select one:

● True ✔

○ False

Question **6**

Incorrect

Mark 0.00 out of 0.50

Rule if the normalization fails: "create a new table"

Select one:

○ True

● False ✘

## Question 7

Correct

Mark 1.00 out of 1.00

SELECT staffNo, fName, IName, position, salary – (SELECT AVG(salary) FROM Staff) AS …….  FROM Staff WHERE salary > (SELECT AVG(salary) FROM Staff);

Isian di atas yang tepat adalah: salDiff (T/F)

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

## Question 8

Correct

Mark 1.00 out of 1.00

Pada left outer join,

Left table merupakan tabel yang muncul sebelum join

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

## Question 9

Incorrect

Mark 0.00 out of 0.50

Pada normalisasi, No repeating elements or group of elements adalah ciri dari 3 NF

Select one:

◉ True ✘

◯ False

The correct answer is 'False'.

Concatenated key disebut juga composite key

Select one:

◉ True ✔

○ False

The correct answer is 'True'.