

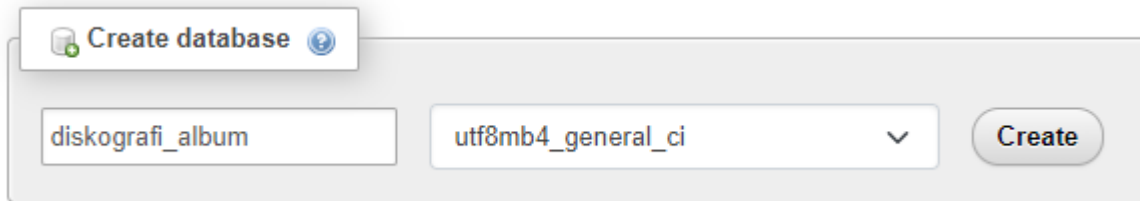
Nama : Andreas Restuawanta Christwara

NIM : 5312422036

Prodi : Teknik Kompuer

Matkul: Basis Data

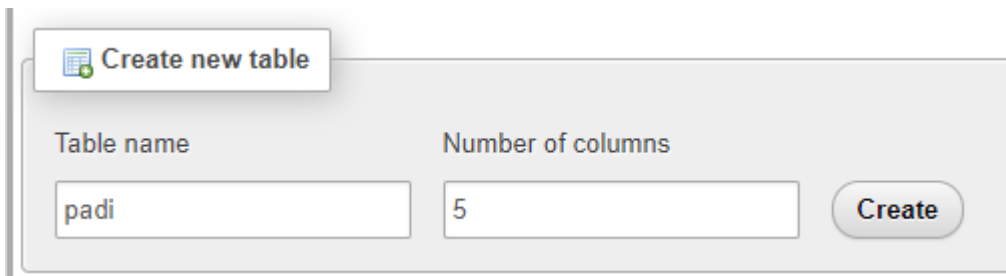
1. Membuat Database “Diskografi Album”



Create database

diskografi_album utf8mb4_general_ci Create

2. Membuat Tabel “Padi”



Create new table

Table name Number of columns

padi 5 Create

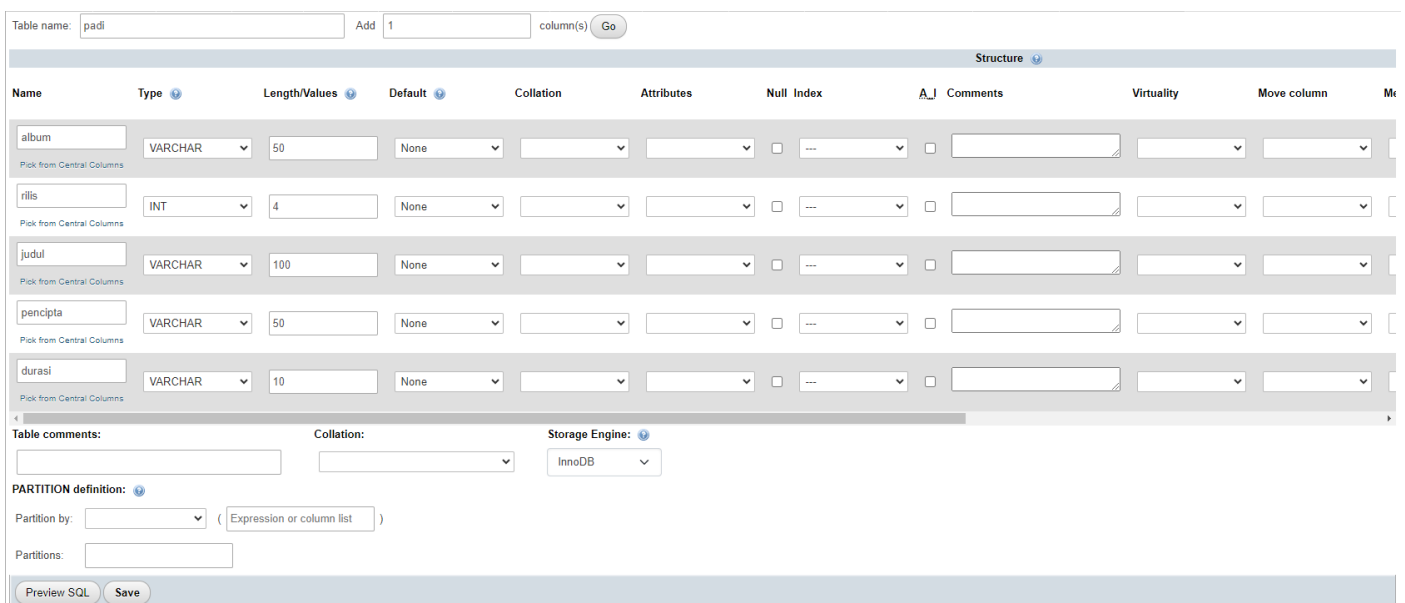


Table name: padi Add 1 column(s) Go

Structure

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	Comments	Virtuality	Move column	More
album	VARCHAR	50	None								
rilis	INT	4	None								
judul	VARCHAR	100	None								
pencipta	VARCHAR	50	None								
durasi	VARCHAR	10	None								

Table comments: Collation: Storage Engine: InnoDB

PARTITION definition: Partition by: (Expression or column list) Partitions:

Preview SQL Save

3. Struktur Tabel “Padi”

Table structure

Relation view

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	album	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2	rilis	int(4)			No	None			Change Drop More
<input type="checkbox"/>	3	judul	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4	pencipta	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5	durasi	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all

With selected:

Browse

Change

Drop

Primary

Unique

Index

4. Data Tabel “Padi”

album	rilis	judul	pencipta	durasi
Lain Dunia	1999	Bidadari	Yoyo	4:08
Lain Dunia	1999	Demi Cinta	Piyu	6:13
Lain Dunia	1999	Beri Aku Arti	Piyu	5:03
Lain Dunia	1999	Begitu Indah	Piyu	5:11
Lain Dunia	1999	Sobat	Piyu	5:25
Sesuatu Yang Tertunda	2001	Bayangkanlah	Piyu	5:05
Sesuatu Yang Tertunda	2001	Sesuatu yang Indah	Piyu	5:43
Sesuatu Yang Tertunda	2001	Semua Tak Sama	Rindra, Fadly, Piyu	5:38
Sesuatu Yang Tertunda	2001	Seandainya Bisa Memilih	Piyu, Fadly	4:58
Sesuatu Yang Tertunda	2001	Kasih Tak Sampai	Piyu	4:19
Save My Soul	2003	Ketakjuban	Piyu, Fadly, Rindra	4:08
Save My Soul	2003	Hitam	Piyu, Fadly, Rindra	5:44
Save My Soul	2003	Diatas Bumi Kita Berpijak	Piyu, Fadly	4:19
Save My Soul	2003	Menanti Keajaiban	Piyu, Fadly	4:09
Save My Soul	2003	Patah	Piyu	4:40
Padi	2005	Tak Hanya Diam	Piyu	4:23
Padi	2005	Menanti Sebuah Jawaban	Piyu	4:35
Padi	2005	Siapa Gerangan Dirinya	Piyu, Fadly	4:45
Padi	2005	Menerobos Gelap	Piyu, Fadly	5:12
Padi	2005	Ternyata Cinta	Piyu	5:01
Tak Hanya Diam	2007	Sang Penghibur	Piyu	3:43
Tak Hanya Diam	2007	Harmoni	Piyu	4:24

<input type="checkbox"/> Show all	Number of rows: <input type="text" value="25"/>	Filter rows: <input type="text" value="Search this table"/>
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5. INSERT INTO

Run SQL query/queries on table diskografi_album.padi: ⓘ

```
1 INSERT INTO `padi`(`album`, `rilis`, `judul`, `pencipta`, `durasi`) VALUES ('Indera Keenam','2019','Kau Malaikatku','Piyu, Fadly','4:24')
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

BENAR

Run SQL query/queries on table diskografi_album.padi: ⓘ

```
1 INSERT INTO `padi`(`album`, `rilis`, `judul`, `pencipta`, `durasi`) VALUES ('Indera Keenam','0000','Terlanjur','Piyu','00:00')
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

SALAH

Tak Hanya Diam	2007	Harmoni	Piyu	4:24
Indera Keenam	2019	Kau Malaikatku	Piyu, Fadly	4:24
Indera Keenam	0	Terlanjur	Piyu	00:00

BENAR DAN SALAH

6. UPDATE

Run SQL query/queries on table diskografi_album.padi: ⓘ

```
1 UPDATE `padi` SET `album`='Indera Keenam',`rilis`='2019',`judul`='Terlanjur',`pencipta`='Piyu',`durasi`='3:40' WHERE `judul`='Terlanjur'
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

Indera Keenam	2019	Kau Malaikatku	Piyu, Fadly	4:24
Indera Keenam	2019	Terlanjur	Piyu	3:40

PERBAIKAN LAGU “TERLANJUR”

7. SELECT

Run SQL query/queries on table diskografi_album.padi: ⓘ

```
1 SELECT `album`, `rilis`, `judul`, `pencipta`, `durasi` FROM `padi` WHERE album='Save My Soul'
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

```
SELECT `album`, `rilis`, `judul`, `pencipta`, `durasi` FROM `padi` WHERE album='Save
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▼ Filter rows: Search this table

Extra options

album	rilis	judul	pencipta	durasi
Save My Soul	2003	Ketakjuban	Piyu, Fadly, Rindra	4:08
Save My Soul	2003	Hitam	Piyu, Fadly, Rindra	5:44
Save My Soul	2003	Diatas Bumi Kita Berpijak	Piyu, Fadly	4:19
Save My Soul	2003	Menanti Keajaiban	Piyu, Fadly	4:09
Save My Soul	2003	Patah	Piyu	4:40

☐ Show all | Number of rows: 25 ▼ Filter rows: Search this table

8. DELETE

Run SQL query/queries on table diskografi_album.padi: ⓘ

```
1 DELETE FROM `padi` WHERE judul='Terlanjur'
```

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

Tak Hanya Diani	2007	Harmoni	Piyu	4:24
Indera Keenam	2019	Kau Malaikatku	Piyu, Fadly	4:24