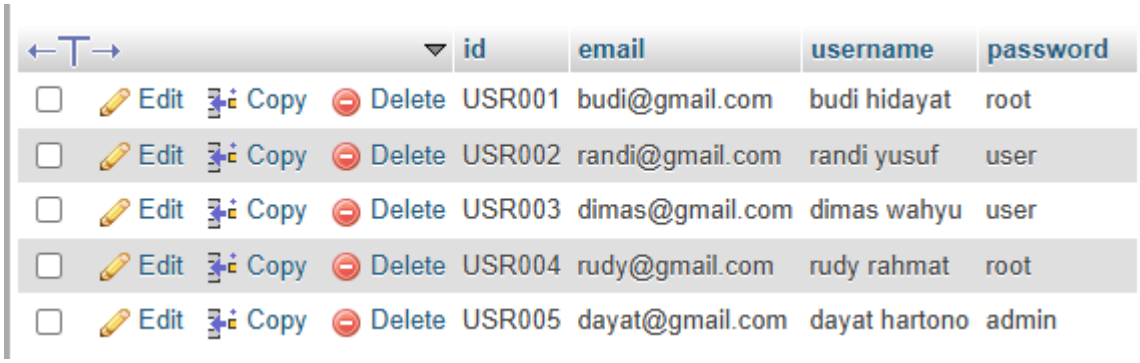
Membuat database baru

```
create database b59_finaltask_a;
```

Membuat table user_tb dan insert data

```
create table user_tb(
    id varchar(6) PRIMARY key,
    email varchar(20) not null,
    username varchar(50) not null,
    password varchar(50) not null
)
```

```
insert into user_tb value
("USR001","budi@gmail.com", "budi hidayat", "root"),
("USR002","randi@gmail.com", "randi yusuf", "user"),
("USR003","dimas@gmail.com", "dimas wahyu", "user"),
("USR004","rudy@gmail.com", "rudy rahmat", "root"),
("USR005","dayat@gmail.com", "dayat hartono", "admin");
```



	id	email	username	password
Edit Copy Delete	USR001	budi@gmail.com	budi hidayat	root
Edit Copy Delete	USR002	randi@gmail.com	randi yusuf	user
Edit Copy Delete	USR003	dimas@gmail.com	dimas wahyu	user
Edit Copy Delete	USR004	rudy@gmail.com	rudy rahmat	root
Edit Copy Delete	USR005	dayat@gmail.com	dayat hartono	admin

Membuat table type_tb dan insert data

```
create table type_tb(
    id varchar(6) PRIMARY key,
    name varchar(50) not null
)
```

```
insert into type_tb value
("TYP001","durability"),
("TYP002","agility"),
("TYP003","hp"),
("TYP004","strengh"),
("TYP005","mana");
```

		id	name
☐	Edit Copy Delete	TYP001	durability
☐	Edit Copy Delete	TYP002	agility
☐	Edit Copy Delete	TYP003	hp
☐	Edit Copy Delete	TYP004	strengh
☐	Edit Copy Delete	TYP005	mana

membuat table hero_tb dan insert data

```sql
create table hero_tb(
    id varchar(6) PRIMARY key,
    name varchar(20) not null,
    photo varchar(50) not null,
    id_user varchar(6),
    id_type varchar(6),
    FOREIGN KEY (id_user) REFERENCES user_tb (id),
    FOREIGN KEY (id_type) REFERENCES type_tb (id)
)
```

```sql
insert into hero_tb value
("HER001","Del mora", "phsdaww.jpg", "USR002","TYP002"),
("HER002","Batman", "phBatmansdaww.jpg", "USR001","TYP002"),
("HER003","Flash", "phsdFlashaww.jpg", "USR005","TYP003"),
("HER004","Iron Man", "phsMandaww.jpg", "USR001","TYP004"),
("HER005","Superman", "phsdasdsdww.jpg", "USR002","TYP002"),
("HER006","Green Arrow", "phsdgreenaww.jpg", "USR001","TYP003"),
("HER007","Ricardo Milos", "phsricardodaww.jpg", "USR003","TYP002"),
("HER008","Black Widow", "phBlacksdaww.jpg", "USR004","TYP002"),
("HER009","DeadPool", "phsdaldeadpoolww.jpg", "USR005","TYP005"),
("HER010","Hulk", "hulkphsdaww.jpg", "USR003","TYP002"),
("HER011","Loki", "phlokisdaww.jpg", "USR004","TYP004"),
("HER012","Thor", "phsthordaww.jpg", "USR001","TYP001");
```

	id	name	photo	id_user	id_type
Edit Copy Delete	HER001	Del mora	phsdaww.jpg	USR002	TYP002
Edit Copy Delete	HER002	Batman	phBatmansdaww.jpg	USR001	TYP002
Edit Copy Delete	HER003	Flash	phsdFlashaww.jpg	USR005	TYP003
Edit Copy Delete	HER004	Iron Man	phsMandaww.jpg	USR001	TYP004
Edit Copy Delete	HER005	Superman	phsdasdsdww.jpg	USR002	TYP002
Edit Copy Delete	HER006	Green Arrow	phsdgreenaww.jpg	USR001	TYP003
Edit Copy Delete	HER007	Ricardo Milos	phsricardodaww.jpg	USR003	TYP002
Edit Copy Delete	HER008	Black Widow	phBlacksdaww.jpg	USR004	TYP002
Edit Copy Delete	HER009	DeadPool	phsdaldeadpoolww.jpg	USR005	TYP005
Edit Copy Delete	HER010	Hulk	hulkphsdaww.jpg	USR003	TYP002
Edit Copy Delete	HER011	Loki	phlokisdaww.jpg	USR004	TYP004
Edit Copy Delete	HER012	Thor	phsthordaww.jpg	USR001	TYP001

- Tampilkan seluruh data dari table **heroes beserta type** dari hero tsb

```
1 SELECT * FROM hero_tb, type_tb;
```

id	name	photo	id_user	id_type	id	name
HER001	Del mora	phsdaww.jpg	USR002	TYP002	TYP001	durability
HER001	Del mora	phsdaww.jpg	USR002	TYP002	TYP002	agility
HER001	Del mora	phsdaww.jpg	USR002	TYP002	TYP003	hp
HER001	Del mora	phsdaww.jpg	USR002	TYP002	TYP004	strengh
HER001	Del mora	phsdaww.jpg	USR002	TYP002	TYP005	mana
HER002	Batman	phBatmansdaww.jpg	USR001	TYP002	TYP001	durability
HER002	Batman	phBatmansdaww.jpg	USR001	TYP002	TYP002	agility
HER002	Batman	phBatmansdaww.jpg	USR001	TYP002	TYP003	hp
HER002	Batman	phBatmansdaww.jpg	USR001	TYP002	TYP004	strengh
HER002	Batman	phBatmansdaww.jpg	USR001	TYP002	TYP005	mana
HER003	Flash	phsdFlashaww.jpg	USR005	TYP003	TYP001	durability
HER003	Flash	phsdFlashaww.jpg	USR005	TYP003	TYP002	agility
HER003	Flash	phsdFlashaww.jpg	USR005	TYP003	TYP003	hp
HER003	Flash	phsdFlashaww.jpg	USR005	TYP003	TYP004	strengh
HER003	Flash	phsdFlashaww.jpg	USR005	TYP003	TYP005	mana
HER004	Iron Man	phsMandaww.jpg	USR001	TYP004	TYP001	durability
HER004	Iron Man	phsMandaww.jpg	USR001	TYP004	TYP002	agility
HER004	Iron Man	phsMandaww.jpg	USR001	TYP004	TYP003	hp
HER004	Iron Man	phsMandaww.jpg	USR001	TYP004	TYP004	strengh
HER004	Iron Man	phsMandaww.jpg	USR001	TYP004	TYP005	mana
HER005	Superman	phsdasdsdww.jpg	USR002	TYP002	TYP001	durability
HER005	Superman	phsdasdsdww.jpg	USR002	TYP002	TYP002	agility
HER005	Superman	phsdasdsdww.jpg	USR002	TYP002	TYP003	hp
HER005	Superman	phsdasdsdww.jpg	USR002	TYP002	TYP004	strengh
HER005	Superman	phsdasdsdww.jpg	USR002	TYP002	TYP005	mana

- Tampilkan seluruh data **heroes** berdasarkan **type** tertentu

```sql
SELECT
    hero_tb.id,
    hero_tb.name,
    type_tb.name
FROM
    hero_tb
INNER JOIN
    type_tb
ON
    hero_tb.id_type = type_tb.id
WHERE
    type_tb.name = 'agility';
```

id	name	name
HER001	Del mora	agility
HER002	Batman	agility
HER005	Superman	agility
HER007	Ricardo Milos	agility
HER008	Black Widow	agility
HER010	Hulk	agility

- Tampilkan spesifik data **heroes** dengan **type** nya

```sql
SELECT
    hero_tb.name AS hero_name,
    type_tb.name AS type_name
FROM
    hero_tb
INNER JOIN
    type_tb
ON
    hero_tb.id_type = type_tb.id;

```

hero_name	type_name
Thor	durability
Del mora	agility
Batman	agility
Superman	agility
Ricardo Milos	agility
Black Widow	agility
Hulk	agility
Flash	hp
Green Arrow	hp
Iron Man	strengh
Loki	strengh
DeadPool	mana