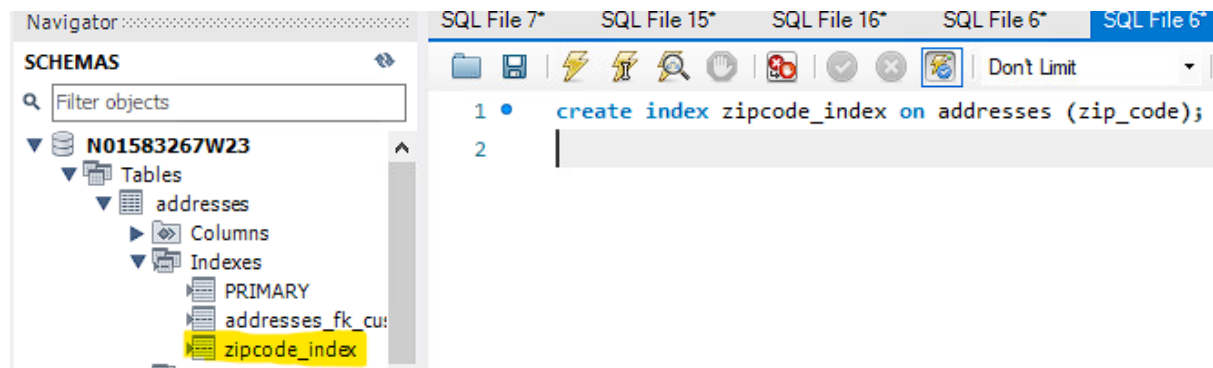
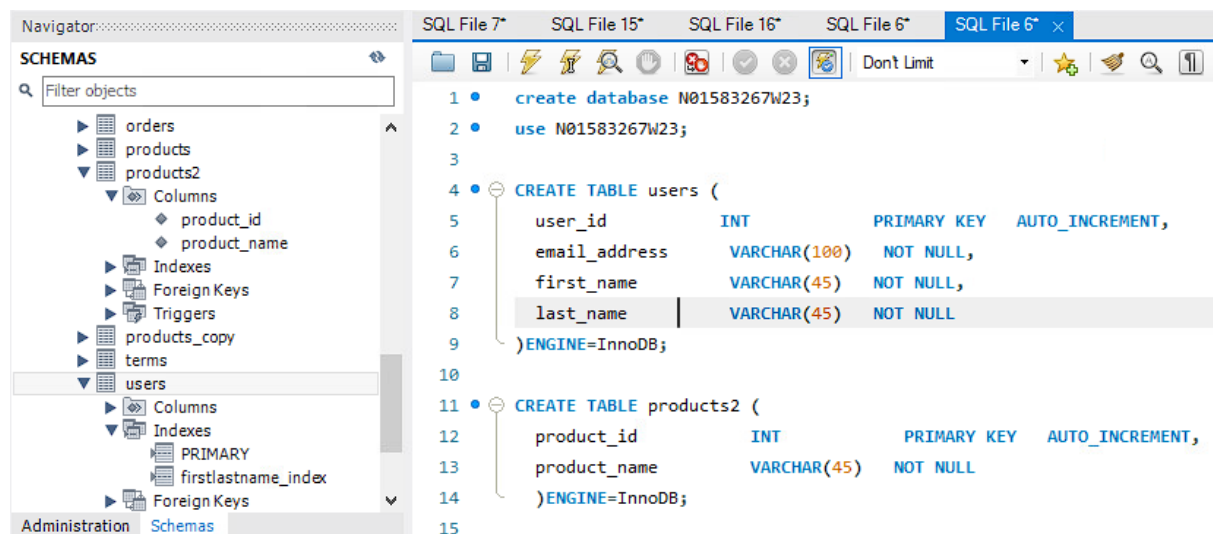


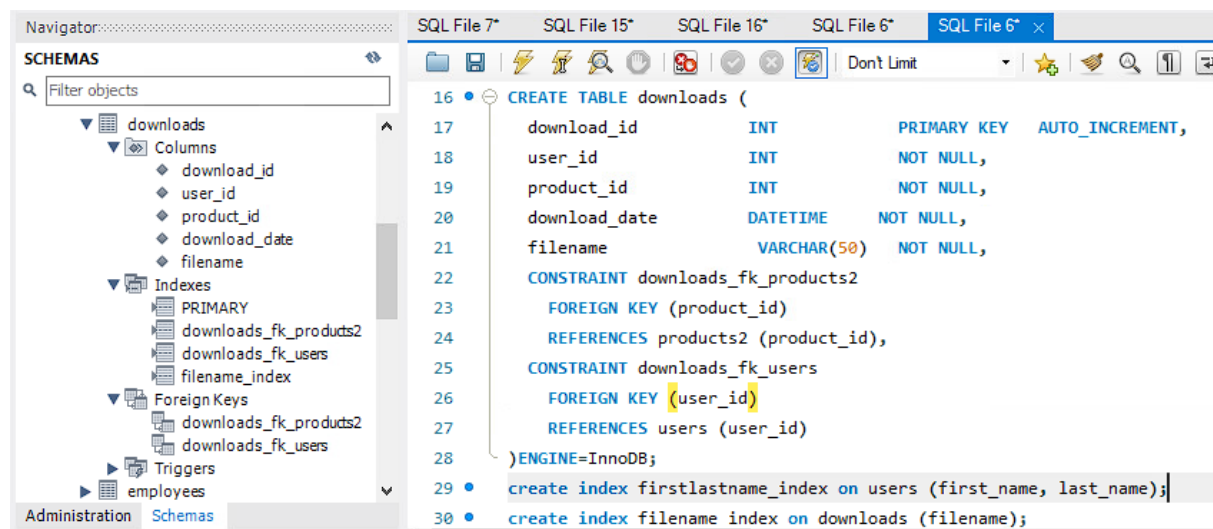
1.



2 -A.



2 - B.



3 - A)

```
1 • INSERT INTO products2 (product_name) VALUES
2   ('Guitars'),
3   ('Basses');
4
5 • INSERT INTO users (email_address, first_name, last_name) VALUES
6   ('janedoe@mygmailp.com', 'jane', 'doe'),
7   ('johnsmith@gmail.com', 'John', 'Smith');
8
9
10 • INSERT INTO downloads (user_id, download_date, filename, product_id) VALUES
11   (1, '2019-03-14 11:41:17', 'pedals_are_falling', '2'),
12   (2, '2019-03-14 11:41:17', 'turn_signal', '1'),
13   (2, '2019-03-14 11:41:17', 'one_horse_town', '2');
```

3-B)

```
14
15 • select u.email_address as email,u.first_name as fname,u.last_name as lname,
16   d.download_date as date,d.filename as filename, p.product_name as pname
17   from products2 p inner join downloads d on d.product_id=p.product_id inner join
18   users u on u.user_id = d.user_id order by u.email_address desc, p.product_name asc;
19
20
```

Result Grid

	email	fname	lname	date	filename	pname
▶	johnsmith@gmail.com	John	Smith	2019-03-14 11:41:17	one_horse_town	Basses
	johnsmith@gmail.com	John	Smith	2019-03-14 11:41:17	turn_signal	Guitars
	janedoe@mygmailp.com	jane	doe	2019-03-14 11:41:17	pedals_are_falling	Basses

4.

```
1 • alter table products2 add column price decimal(5,2) default 9.99,
2   add column added_datetime datetime;
3
4 • select * from products2;
```

Result Grid

	product_id	product_name	price	added_datetime
▶	1	Guitars	9.99	NULL
	2	Basses	9.99	NULL
*	NULL	NULL	NULL	NULL

5.

SQL File 7\* SQL File 15\* SQL File 16\* SQL File 6\* SQL File 6\* x

```

1 • alter table users modify first_name VARCHAR(20) NOT NULL;
2
3 • insert into users (email_address, first_name, last_name)
4   values ('johndoe@gmail.com', NULL, 'Doe');
5
6 • select * from users;
7
8

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	user_id	email_address	first_name	last_name
1	1	janedoe@mygmailp.com	jane	doe
2	2	johmsmith@gmail.com	John	Smith
*	NULL	NULL	NULL	NULL

users 2 x Apply

Output

Action Output

#	Time	Action	Message	Duration
1	21:36:50	alter table users alter column first_name VARCHAR(20) ...	Error Code: 1064. You have an error in your SQL syntax...	0.000 s
2	21:37:35	alter table users modify first_name VARCHAR(20) NOT ...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.031 s
3	21:38:00	select * from users	2 row(s) returned	0.000 s
4	21:40:35	insert into users (email_address, first_name, last_name) ...	Error Code: 1048. Column 'first_name' cannot be null	0.016 s
5	21:40:56	select * from users	2 row(s) returned	0.015 s

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6.

```

3 • insert into users (email_address, first_name, last_name)
4   values ('johndoe@gmail.com', 'JohnDoeJohnDoeJohnDoe', 'Doe');
5
6 • select * from users;
7

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	user_id	email_address	first_name	last_name
1	1	janedoe@mygmailp.com	jane	doe
2	2	johmsmith@gmail.com	John	Smith
*	NULL	NULL	NULL	NULL

users 3 x Apply

Output

Action Output

#	Time	Action	Message	Duration
1	21:36:50	alter table users alter column first_name VARCHAR(20) ...	Error Code: 1064. You have an error in your SQL syntax;...	0.000 s
2	21:37:35	alter table users modify first_name VARCHAR(20) NOT ...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.031 s
3	21:38:00	select * from users	2 row(s) returned	0.000 s
4	21:40:35	insert into users (email_address, first_name, last_name) ...	Error Code: 1048. Column 'first_name' cannot be null	0.016 s
5	21:40:56	select * from users	2 row(s) returned	0.015 s
6	21:43:05	insert into users (email_address, first_name, last_name) ...	Error Code: 1406. Data too long for column 'first_name'...	0.000 s
7	21:43:48	select * from users	2 row(s) returned	0.000 s

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