

Exercise question 1.

```
SELECT AccountHolderName, Balance
FROM Accounts;
```

Accounts (3r × 2c)		
#	AccountHolderName	Balance
1	Alice	5 000,0
2	Bob	3 000,5
3	Carol	1 500,75

Exercise question 2.

Transactions (2r × 5c)					
#	TransactionID	FromAccountID	ToAccountID	Amount	Status
1	101	1	2	1 000,0	Completed
2	103	1	3	2 000,75	Completed

Exercise question 3.

Accounts (9r × 8c)								
#	AccountID	AccountHolderName	Balance	TransactionID	FromAccountID	ToAccountID	Amount	Status
1	1	Alice	5 000,0	101	1	2	1 000,0	Completed
2	2	Bob	3 000,5	101	1	2	1 000,0	Completed
3	3	Carol	1 500,75	101	1	2	1 000,0	Completed
4	1	Alice	5 000,0	102	2	3	500,5	Pending
5	2	Bob	3 000,5	102	2	3	500,5	Pending
6	3	Carol	1 500,75	102	2	3	500,5	Pending
7	1	Alice	5 000,0	103	1	3	2 000,75	Completed
8	2	Bob	3 000,5	103	1	3	2 000,75	Completed
9	3	Carol	1 500,75	103	1	3	2 000,75	Completed

Accounts (2r × 10c)										
#	id	select_type	table	type	possible_keys	key	key_len	ref	rows	Extra
1	1	SIMPLE	Accounts	ALL	(NULL)	(NULL)	(NULL)	(NULL)	3	
2	1	SIMPLE	Transactions	ALL	(NULL)	(NULL)	(NULL)	(NULL)	3	Using join buffer (flat, BNL join)

Exercise question 4.

Accounts (2r × 2c)		
#	AccountHolderName	Balance
1	Alice	5 000,0
2	Bob	3 000,5

Exercise question 5.

Transactions (3r × 4c)				
#	TransactionID	FromAccountHolder	Amount	Status
1	101	Alice	1 000,0	Completed
2	102	Bob	500,5	Pending
3	103	Alice	2 000,75	Completed

Exercise question 6.

general_log (1r × 6c)						
#	event_time	user_host	thread_id	server_id	command_type	argument
1	2025-03-12 14:58:20.718809	root[root] @ localhost [127.0.0.1]	85	1	Query	SELECT * FROM mysql.general_log WHERE ar...

Exercise question 7

Accounts (3r × 3c)			Accounts (3r × 3c)	
#	AccountID	AccountHolderName	Balance	
1	1	Alice	4 600,0	
2	2	Bob	3 600,5	
3	3	Carol	1 500,75	

Exercise question 8.

Transactions (3r × 5c)					
#	TransactionID	FromAccountID	ToAccountID	Amount	Status
1	101	1	2	1 000,0	Completed
2	102	2	3	500,5	Pending
3	103	1	3	2 000,75	Completed