

Проект 6-6-1

Часть 1. Извлечение всех столбцов из таблицы.

Использование инструкции `SELECT *` дает возможность просмотреть все данные, хранящиеся в следующих таблицах:

1. customers

SQL Commands

SchemaRU_A404_SQL_S04

Rows10

Clear CommandFind Tables

SaveRun

SELECT * FROM customers

ResultsExplainDescribeSaved SQLHistory

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c00012	j.jones@freemail.com	Jennifer	Jones	01505214598	0	-	-	lc1015
c02001	brianrog@hoootech.com	Brain	Rogers	01654564898	50	-	-	lc4587
c00001	bob.thornberry@heatmail.com	Robert	Thornberry	01234567898	150	sr01	t001	-
c00101	unknown@here.com	John	Doe	03216547808	987.5	sr01	t002	-
c00103	MurciaA@globaltech.com	Andrew	Murcia	07715246890	85	-	-	lc2341
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-

2. teams

SQL Commands

SchemaRU_A404_SQL_S04

Rows10

Clear CommandFind Tables

SaveRun

SELECT * FROM teams

ResultsExplainDescribeSaved SQLHistory

ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
t004	Jets	10	5
t001	Rockets	25	10
t002	Celtics	42	20
t003	Rovers	8	-

3. items

SQL Commands

SchemaRU_A404_SQL_S04

Rows10

Clear CommandFind Tables

SaveRun

SELECT * FROM items

ResultsExplainDescribeSaved SQLHistory

ITM_NUMBER	NAME	DESCRIPTION	CATEGORY	COLOR	Size	ILT_ID
im01101044	gloves	catcher mitt	clothing	brown	m	il010230124
im01101045	under shirt	top worn under the game top	clothing	white	s	il010230125
im01101046	socks	team socks with emblem	clothing	range	l	il010230126
im01101047	game top	team shirt with emblem	clothing	range	m	il010230127
im01101048	premium bat	high quaita basball bat	equipment	-	-	il010230128

Часть 2. Выбор определенных столбцов

1. Отобразите данные из столбцов customer number, first name, last name, email и phone number таблицы клиентов.

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT ctr_number, first_name, last_name, email, phone_number FROM customers

Results

ExplainDescribeSaved SQLHistory

CTR_NUMBER	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
c00012	Jennifer	Jones	Jjones@freemail.com	01505214598
c02001	Brain	Rogers	brianrog@hootech.com	01654564898
c00001	Robert	Thornberry	bob.thornberry@heatmail.com	01234567898
c00101	John	Doe	unknown@here.com	03216547808
c00103	Andrew	Murcia	MurciaA@globaltech.com	07715246890
c01986	Maria	Galant	margal87@delphiview.com	01442736589

2. Отобразите данные из столбцов name и number of players для каждой команды (team).

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT name, number_of_players FROM teams

Results

ExplainDescribeSaved SQLHistory

NAME	NUMBER_OF_PLAYERS
Jets	10
Rockets	25
Celtics	42
Rovers	8

3. Отобразите данные из столбцов name, description и category для каждого товара (item) в таблице.

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT name, description, category FROM items

Results

ExplainDescribeSaved SQLHistory

NAME	DESCRIPTION	CATEGORY
gloves	catcher mitt	clothing
under shirt	top worn under the game top	clothing
socks	team socks with emblem	clothing
game top	team shirt with emblem	clothing
premium bat	high quaity basball bat	equipment

Проект 6-6-2

Часть 1. Использование арифметических операторов

- Каждому клиенту сообщили, что он может погасить свой текущий баланс в течение 12-месячного периода. Отобразите для клиента имя, фамилию, текущий баланс и ежемесячный платеж (данные из столбцов first name, last name, current balance и monthly payment).

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT first_name, last_name, current_balance, current_balance/12 FROM customers

Results

ExplainDescribeSaved SQLHistory

FIRST_NAME	LAST_NAME	CURRENT_BALANCE	CURRENT_BALANCE/12
Jennifer	Jones	0	0
Brain	Rogers	50	4.1666666666666666666666666666667
Robert	Thornberry	150	12.5
John	Doe	987.5	82.291666666666666666666666666667
Andrew	Murcia	85	7.0833333333333333333333333333333
Maria	Galant	125.65	10.4708333333333333333333333333333

6 rows returned in 0.02 secondsDownload

2. OBL рассматривает возможность предоставить подарочные карты всем клиентам на сумму 5,00, которые можно использовать для сокращения текущего баланса. Напишите запрос для отображения следующей информации о клиентах: имя, фамилия, номер клиента, текущий баланс и значение баланса, уменьшенное на сумму подарочной карты.

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT first_name, last_name, ctr_number, current_balance, current_balance-5 FROM customers

Results

ExplainDescribeSaved SQLHistory

FIRST_NAME	LAST_NAME	CTR_NUMBER	CURRENT_BALANCE	CURRENT_BALANCE-5
Jennifer	Jones	c00012	0	-5
Brain	Rogers	c02001	50	45
Robert	Thornberry	c00001	150	145
John	Doe	c00101	987.5	982.5
Andrew	Murcia	c00103	85	80
Maria	Galant	c01986	125.65	120.65

3. В чем проблема с реализацией этой схемы?

Люди с балансом <5 уйдут в минус.

Часть 2. Использование псевдонимов столбцов

1. Ранее был создан запрос, который отображает имя, фамилию, текущий баланс и ежемесячный платеж для клиента. Перепишите этот запрос, чтобы использовать First Name, Last Name, Balance и Monthly Repayments, как псевдонимы столбцов.

Псевдонимы должны отображаться именно так, как указано (с учетом регистра).

[illegible]

Часть 3. Использование строк литеральных символов

1. Напишите запрос, чтобы отобразить информацию о команде в следующем формате:

The Rockets team has 25 players and receives a discount of 10 percent.

Используйте **Team Information** в качестве псевдонима столбца.

SQL Commands
Schema RU_A404_SQL_S04

Rows

Clear Command Find Tables

Save Run

```
SELECT ' The ' || name || ' team has ' || number_of_players || ' players and receives a discount of ' || discount || ' percent'
AS "Team Information" FROM teams
```

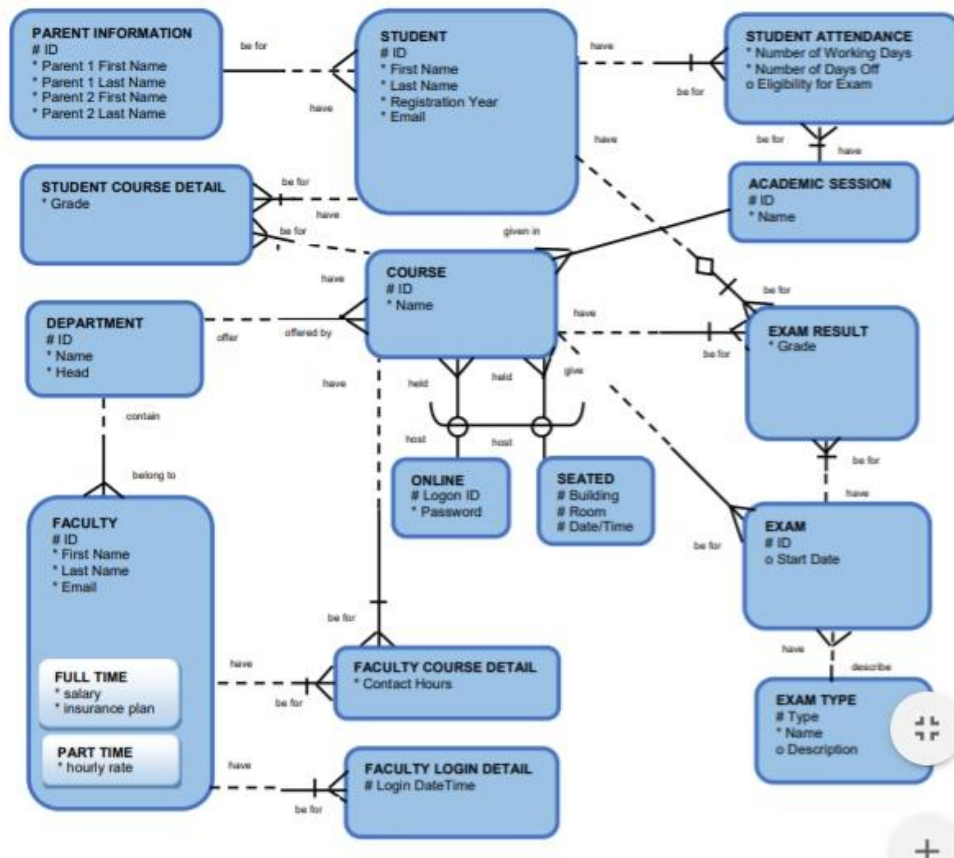
Results
Explain
Describe
Saved SQL
History

Team Information
The Jets team has 10 players and receives a discount of 5 percent
The Rockets team has 25 players and receives a discount of 10 percent
The Celtics team has 42 players and receives a discount of 20 percent
The Rovers team has 8 players and receives a discount of percent

2. Почему не показана скидка для последней команды?

Потому что эта команда не имеет дисконтной скидки

Практика 6-6



Создайте простой запрос для просмотра данных, вставленных в таблицы, которые созданы для академической базы данных.

```
SELECT * FROM academic_sessions
```

↑ SQL Commands

Schema RU_A404_SQL_S04

Rows 10

Clear Command

Find Tables

Save

Run

```
SELECT * FROM academic_sessions
```

Results

Explain

Describe

Saved SQL

History

ID	NAME
100	SPRING SESSION
300	SUMMER SESSION
200	FALL SESSION

Rows 10

Clear Command

Find Tables

Save

Run

SELECT * FROM departments_for_ab

Results

Explain

Describe

Saved SQL

History

ID	NAME	HEAD
10	ACCOUNTING	MARK SMITH
20	BIOLOGY	DAVE GOLD
30	COMPUTER SCIENCE	LINDA BROWN
40	LITERATURE	ANITA TAYLOR

Rows 10

Clear Command

Find Tables

Save

Run

SELECT * FROM pnt_informations

Results

Explain

Describe

Saved SQL

History

ID	PNT_1_FRST_NAME	PNT_1_LST_NAME	PNT_2_FRST_NAME	PNT_2_LST_NAME
600	NEIL	SMITH	DORIS	SMITH
610	WILLIAM	BEN	NITA	BEN
620	SEAN	TAYLOR	RHEA	TAYLOR
630	DAVE	CARMEN	CATHY	CARMEN
640	JOHN	AUDRY	JANE	AUDRY

SQL Commands

Schema RU_A404_SQL_S04

Rows

10

Clear Command

Find Tables

Save

Run

SELECT * FROM students

Results

Explain

Describe

Saved SQL

History

ID	FRST_NAME	LST_NAME	RGS_YEA	EMAIL	PNT_INF_ID
720	JACK	SMITH	01-Jan-2012	JSMITH@SCHOOLEDU	600
730	NOAH	AUDRY	01-Jan-2012	NAUDRY@SCHOOLEDU	640
740	RHONDA	TAYLOR	01-Sep-2012	RTAYLOR@SCHOOLEDU	620
750	ROBERT	BEN	01-Mar-2012	RBEN@SCHOOLEDU	610
760	JEANNE	BEN	01-Mar-2012	JBEN@SCHOOLEDU	610
770	MILLS	CARMEN	01-Apr-2013	MCARMEN@SCHOOLEDU	630

SQL Commands

Schema RU_A404_SQL_S04

Rows

10

Clear Command

Find Tables

Save

Run

SELECT * FROM courses

Results

Explain

Describe

Saved SQL

History

194	GENERAL BIOLOGY	20	BIO123	-	-	-	200
193	STRATEGIC TAX PLANNING FOR BU	10	TAX123	-	-	-	100
195	CELL NIOLOGY	20	-	BUILDING D	401	MWF 9-10	200
190	PRINCIPLES OF ACCOUNTING	10	-	BUILDING A	101	MWF 12-1	100
191	INTRODUCTION TO BUISNESS LAW	10	-	BUILDING B	201	THUR 2-4	100
192	COST ACCOUNTING	10	-	BUILDING C	301	TUES 5-7	100

SQL Commands

Schema RU_A404_SQL_S04

Rows

10

Clear Command

Find Tables

Save

Run

SELECT * FROM faculties

Results

Explain

Describe

Saved SQL

History

ID	FRST_NAME	LST_NAME	EMAIL	SLY	ISU	HOURLY_RAT	DPT_ID
800	JILL	MILLER	JMILL@SCHOOL.EDU	10000	HEALTH	-	20
810	JAMES	BORG	JBORG@SCHOOL.EDU	30000	HEALTH,DENTAL	-	10
820	LYNN	BROWN	LBROWN@SCHOOL.EDU	-	-	50	30
830	ARTHUR	SMITH	ASMITH@SCHOOL.EDU	-	-	40	10
840	SALLY	JONES	SJONES@SCHOOL.EDU	50000	HEALTH,DENTAL,VISION	-	40

SQL Commands

Schema RU_A404_SQL_S04

Rows

10

Clear Command

Find Tables

SELECT * FROM exams

Results

Explain

Describe

Saved SQL

History

ID	STR_DATE	XAM_TYPES_TYP	COURSE
540	02-Apr-2014	TF	194
500	12-Sep-2013	MCE	190
510	15-Sep-2013	SA	191
520	18-Sep-2013	FIB	192
530	21-Mar-2014	ESS	193

Rows 10   Clear Command Find Tables

SELECT * FROM xam_types

Results Explain Describe Saved SQL History

TYP	NAME	DSC
MCE	Multiple Choice Exams	CHOOSE MORE THAN ONE ANSWER
TF	TRUE AND FALSE Exams	CHOOSE EITHER TRUE OR FALSE
ESS	ESSAY Exams	WRITE PARAGRAPHS
SA	SHORT ANSWER Exams	WRITE SHORT ANSWERS
FIB	FILL IN THE BLANKS Exams	TYPE IN THE CORRECT ANSWER

5 rows returned in 0.02 seconds [Download](#)Rows 10   Clear Command Find Tables

Save Run

SELECT * FROM xam_results

Results Explain Describe Saved SQL History

GRADE	STU_ID	CRS_ID	XAM_ID
91	720	190	500
87	730	195	540
85	730	194	530
97	750	195	510
78	750	191	520
70	760	192	510
97	720	193	520
60	750	192	500
65	760	192	540
60	760	191	530



SQL Commands

Schema RU_A404_SQL_S04



Rows

10



Clear Command

Find Tables

Save

Run

SELECT * FROM student_attendances

Results

Explain

Describe

Saved SQL

History

NUMBER_OF_WRK_DAYS	NUMBER_OF_DAYS_OFF	ELIGIBILITY_FOR_XM	STU_ID	ACADEMIC_SESSIONS_ID
180	11	Y	730	200
180	12	Y	740	300
180	13	Y	770	300
180	21	Y	720	100
180	14	Y	750	200
180	15	Y	760	200



SQL Commands

Schema

RU_A404_SQL_S04

Rows

10



Clear Command

Find Tables

SELECT * FROM student_course_details

Results

Explain

Describe

Saved SQL

History

GRADE	STU_ID	CRS_ID
A	720	190
A	750	192
B	760	190
A	770	194
B	720	193
C	730	191
F	740	195
C	760	192
D	770	192
F	770	193

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT * FROM faculty_course_details

Results

ExplainDescribeSaved SQLHistory

CNT_HOURS	CRS_ID	FCLT_ID
4	193	800
3	192	800
5	190	800
3	191	800
4	194	810
5	195	810

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT * FROM faculty_login_details

Results

ExplainDescribeSaved SQLHistory

LOGIN_DTE_TME	FCLT_ID	DETAILS
01-Jun-0017	800	-
01-Jun-0017	800	details one
01-Jun-0017	810	-
01-Jun-0017	840	-
01-Jun-0017	820	-
01-Jun-0017	830	details two

Создайте запрос для извлечения экзаменационных баллов, полученных каждым учащимся за каждую попытку сдачи экзамена.

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT stu_id, academic_sessions_id, eligibility_for_xm FROM student_attendances

Results

ExplainDescribeSaved SQLHistory

STU_ID	ACADEMIC_SESSIONS_ID	ELIGIBILITY_FOR_XM
730	200	Y
740	300	Y
770	300	Y
720	100	Y
750	200	Y
760	200	Y

Создайте запрос, чтобы проверить, допущен ли учащийся к экзаменам по критерию посещаемости

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT stu_id, eligibility_for_xm FROM student_attendances

Results

ExplainDescribeSaved SQLHistory

STU_ID	ELIGIBILITY_FOR_XM
730	Y
740	Y
770	Y
720	Y
750	Y
760	Y

Выведите LOGIN_DATE_TIME для каждого преподавателя

SQL Commands
Schema RU_A404_SQL_S04

Rows 10
Clear Command
Find Tables
Save
Run

```
SELECT fcld_id, login_dte_tm FROM faculty_login_details
```

Results
Explain
Describe
Saved SQL
History

FCLT_ID	LOGIN_DTE_TME
800	01-Jun-0017
800	01-Jun-0017
810	01-Jun-0017
820	01-Jun-0017
830	01-Jun-0017
840	01-Jun-0017

Выведите имя начальника подразделения для каждого подразделения.

SQL Commands
Schema RU_A404_SQL_S04

Rows 10
Clear Command
Find Tables
Save
Run

```
SELECT name, head FROM departments_for_ab
```

Results
Explain
Describe
Saved SQL
History

NAME	HEAD
ACCOUNTING	MARK SMITH
BIOLOGY	DAVE GOLD
COMPUTER SCIENCE	LINDA BROWN
LITERATURE	ANITA TAYLOR

4 rows returned in 0.00 seconds
[Download](#)

Получите идентификатор и имя каждого учащегося, соединенное с текстом литерала. Пример: 720: FIRST NAME IS JACK

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind Tables

SELECT 'First Name is '||first_name AS "Name" FROM students

Results

ExplainDescribeSaved SQLHistory

Name
First Name is JACK
First Name is NOAH
First Name is RHONDA
First Name is ROBERT
First Name is JEANNE
First Name is MILLS

Выведите все уникальные типы экзаменов из таблицы AD_EXAMS.

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT xam_types_typ FROM exams

Results

ExplainDescribeSaved SQLHistory

XAM_TYPES_TYP
TF
MCE
SA
FIB
ESS

Проект 6-7-1

Часть 1. Использование фразы WHERE.

1. Использование уникального номера клиента во фразе where для отображения всех столбцов для Maria Galant.

```
SELECT * FROM customers WHERE first_name = 'Maria' AND last_name = 'Galant'
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT * FROM customers WHERE first_name = 'Maria' AND last_name = 'Galant'
```

Results Explain Describe Saved SQL History

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-

- Отобразите имя, фамилию и номер клиента для всех клиентов, имеющих текущий баланс, который превышает 100. Используйте соответствующие псевдонимы для заголовков столбцов.

```
SELECT first_name, last_name, ctr_number FROM customers WHERE current_balance>100
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT first_name, last_name, ctr_number
FROM customers
WHERE current_balance>100
```

Results Explain Describe Saved SQL History

FIRST_NAME	LAST_NAME	CTR_NUMBER
Robert	Thornberry	c00001
John	Doe	c00101
Maria	Galant	c01986

3. Отобразите идентификатор заказа, дату и время (данные из столбцов order id, date и time) для всех заказов, размещенных до 28 мая 2019 г. Используйте соответствующие псевдонимы для заголовков столбцов.

SELECT id "order id", odr_date "date", odr_time "time" FROM orders WHERE odr_date < '28-May-2019'

SQL Commands	Schema	RU_A404_SQL_S04
Rows	10	Clear Command Find Tables Save Run
SELECT id "order id", odr_date "date", odr_time "time" FROM orders WHERE odr_date < '28-May-2019'		
Results	Explain	Describe Saved SQL History
order id	date	time
or0101250	17-Apr-2017	17-Apr-2017
or0101350	24-May-2017	24-May-2017
or0101425	28-May-2017	28-May-2017
or0101681	02-Jun-2017	02-Jun-2017
or0101750	18-Jun-2017	18-Jun-2017

1. Отобразите Inventory id, Cost и Number of units, используя соответствующие псевдонимы, для всех товаров со стоимостью от 3,00 до 15,00.

SELECT id "inventory id", cost, units "number of units" FROM inventory_list WHERE cost BETWEEN 3.00 AND 15.00

SQL Commands	Schema	RU_A404_SQL_S04
Rows	10	Clear Command Find Tables Save Run
SELECT id "inventory id", cost, units "number of units" FROM inventory_list WHERE cost BETWEEN 3.00 AND 15.00		
Results	Explain	Describe Saved SQL History
inventory id	COST	number of units
il010230125	7.99	250
il010230126	5.24	87

1. Отобразите inventory id, cost и number of units, используя соответствующие псевдонимы, для всех товаров в количестве 50, 100, 150 или 200 штук.

SELECT id "inventory id", cost, units "number of units" FROM inventory_list WHERE cost IN (50, 100, 150, 200);

Packed Apps

SQL Commands
Schema RU_A404_SQL_S04

Rows 10
Clear Command Find Tables Save Run

SELECT id "inventory id", cost, units "number of units" FROM inventory_list WHERE cost IN (50, 100, 150, 200);

Results Explain Describe Saved SQL History

no data found

Ничего не найдено, так как таких цен нет в таблице

EDIT	ID	COST	UNITS
	il010230124	2.5	100
	il010230125	7.99	250
	il010230126	5.24	87
	il010230127	18.95	65
	il010230128	97.46	8

1. Отобразите item number и name для всех товаров, название которых начинается с буквы g. Используйте соответствующие псевдонимы для заголовков столбцов.

SELECT itm_number "item number", name FROM items WHERE name LIKE 'g%'

The screenshot shows a web-based SQL interface. At the top, there's a 'SQL Commands' header with a schema dropdown set to 'RU_A404_SQL_S04'. Below this, a 'Rows' dropdown is set to '10'. The main area contains the SQL query: `SELECT itm_number "item number", name FROM items WHERE name LIKE 'g%'`. Below the query, there are tabs for 'Results', 'Explain', 'Describe', 'Saved SQL', and 'History'. The 'Results' tab is active, displaying a table with two columns: 'item number' and 'NAME'. The table contains two rows of data.

item number	NAME
im01101044	gloves
im01101047	game top

Отобразите item number и name для всех товаров, в названии которых имеется строчная буква o. Используйте соответствующие псевдонимы для заголовков столбцов.

SELECT itm_number "item number", name FROM items WHERE name LIKE '%o%'

This screenshot is similar to the first one, but the SQL query is `SELECT itm_number "item number", name FROM items WHERE name LIKE '%o%'`. The 'Results' tab shows a table with three rows of data.

item number	NAME
im01101044	gloves
im01101046	socks
im01101047	game top

Проект 6-7-2

1. Напишите запрос, отображающий информацию о командах, не получающих скидку, в следующем формате:

The Rovers team has 25 players and does not receive a discount.

Используйте **Team Information** в качестве псевдонима столбца.

```
SELECT 'The ' || name || ' team has ' || number_of_players || ' and does not receive a discount' AS "TEAM INFORMATION"
FROM teams
```

WHERE discount IS NULL

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT 'The ' || name || ' team has ' || number_of_players || ' and does not receive a discount' AS "TEAM INFORMATION"
FROM teams
WHERE discount IS NULL

ResultsExplainDescribeSaved SQLHistory

TEAM INFORMATION

The Rovers team has 8 and does not receive a discount

2. Напишите запрос, отображающий информацию только о командах, получающих скидку, в следующем формате:

The Rockets team has 25 players and receives a discount of 10 percent.

Используйте **Team Information** в качестве псевдонима столбца.

```
SELECT 'The ' || name || ' team has ' || number_of_players || ' and receive a discount of ' || discount ||  
'percent' AS "TEAM INFORMATION"  
FROM teams  
WHERE discount IS NOT NULL
```

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT 'The ' || name || ' team has ' || number_of_players || ' and receive a discount of ' || discount ||
'percent' AS "TEAM INFORMATION"
FROM teams
WHERE discount IS NOT NULL

ResultsExplainDescribeSaved SQLHistory

TEAM INFORMATION

The Jets team has 10 and receive a discount of 5percent
The Rockets team has 25 and receive a discount of 10percent
The Celtics team has 42 and receive a discount of 20percent

1. Напишите запрос, отображающий номер клиента, строку адреса 1 и почтовый индекс для клиентов, проживающих в районе Старфорда (Starford) города Ливерпуль (Liverpool). Используйте Customer Number, Street Address и Postal Code, как псевдонимы столбцов.

```
SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
WHERE city = 'Liverpool'
```

SQL Commands

SchemaRU_A404_SQL_S04

Rows10Clear CommandFind TablesSaveRun

SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
WHERE city = 'Liverpool'

ResultsExplainDescribeSaved SQLHistory

Customer Numer	Customer Address	Post Code
c00001	17 Gartsquare Road	LP89JHK
c00001	63 Acacia Drive	LP83JHR

2 rows returned in 0.00 secondsDownload

1. Напишите запрос, отображающий номер клиента, строку адреса 1 и почтовый индекс для клиентов, проживающих либо в Старфорде (Starford), либо в Ливерпуле (Liverpool). Используйте Customer Number, Street Address и Postal Code, как псевдонимы столбцов.

```
SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
```

WHERE city = 'Liverpool' OR city = 'Star'

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
WHERE city = 'Liverpool' OR city = 'Star'
```

Results Explain Describe Saved SQL History

Customer Numer	Customer Address	Post Code
c00001	17 Gartsquare Road	LP89JHK
c00101	54 Ropehill Crescent	ST45AGV
c00001	63 Acacia Drive	LP83JHR

1. Напишите запрос, отображающий номер клиента, строку адреса 1 и почтовый индекс для клиентов, которые не живут в Ливерпуле (Liverpool). Используйте Customer Number, Street Address и Postal Code, как псевдонимы столбцов.

```
SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
WHERE NOT (city = 'Liverpool')
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT ctr_number "Customer Numer", address_line_1 "Customer Address", zip_code "Post Code"
FROM customers_addresses
WHERE NOT (city = 'Liverpool')
```

Results Explain Describe Saved SQL History

Customer Numer	Customer Address	Post Code
c00101	54 Ropehill Crescent	ST45AGV
c01986	36 Watercress Lane	JP23YTH

Практика 6-7

Выведите сведения о курсах для весеннего периода.

```
SELECT * FROM courses WHERE academic_sessions_id = 100
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT * FROM courses WHERE academic_sessions_id = 100
```

Results Explain Describe Saved SQL History

ID	NAME	DPT_ID	ONLINES_LGN_ID	STD_BLD	STD_ROOM	DATE_TIME	ACADEMIC_SES
193	STRATEGIC TAX PLANNING FOR BU	10	TAX123	-	-	-	100
190	PRINCIPLES OF ACCOUNTING	10	-	BUILDING A	101	MWF 12-1	100
191	INTRODUCTION TO BUISNESS LAW	10	-	BUILDING B	201	THUR 2-4	100
192	COST ACCOUNTING	10	-	BUILDING C	301	TUES 5-7	100

4 rows returned in 0.01 seconds Download

Выведите сведения об учащихся, набравших более 95 баллов

```
SELECT stu_id, grade FROM xam_results WHERE grade>95
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT stu_id, grade FROM xam_results WHERE grade>95
```

Results Explain Describe Saved SQL History

STU_ID	GRADE
750	97
720	97

2 rows returned in 0.01 seconds

Выведите сведения об учащихся, набравших от 65 до 70 баллов.

```
SELECT stu_id, grade FROM xam_results WHERE grade BETWEEN 65 AND 70
```

Packaged Apps

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save **Run**

```
SELECT stu_id, grade FROM xam_results WHERE grade BETWEEN 65 AND 70
```

Results Explain Describe Saved SQL History

STU_ID	GRADE
760	70
760	65

2 rows returned in 0.00 seconds [Download](#)

Выведите сведения об учащихся, зарегистрированных после 01 июня 2012 года

```
SELECT * FROM STUDENTS WHERE RGS_YEA > '01-Jun-2012'
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save **Run**

```
SELECT * FROM STUDENTS WHERE RGS_YEA > '01-Jun-2012'
```

Results Explain Describe Saved SQL History

ID	FRST_NAME	LST_NAME	RGS_YEA	EMAIL	PNT_INF_ID
740	RHONDA	TAYLOR	01-Sep-2012	RTAYLOR@SCHOOLEDU	620
770	MILLS	CARMEN	01-Apr-2013	MCARMEN@SCHOOL.EDU	630

Выведите сведения о курсах для подразделений 10 и 30.

```
SELECT * FROM courses WHERE dpt_id = 10 OR dpt_id = 30
```


SQL Commands		Schema RU_A404_SQL_S04	
Rows	10	Clear Command	Find Tables
SELECT * FROM courses WHERE dpt_id = 10 OR dpt_id = 30			
Results	Explain	Describe	Saved SQL
History			
ID	NAME	DPT_ID	ONLINES_LGN_ID
193	STRATEGIC TAX PLANNING FOR BU	10	TAX123
190	PRINCIPLES OF ACCOUNTING	10	-
191	INTRODUCTION TO BUISNESS LAW	10	-
192	COST ACCOUNTING	10	-
STD_BLD	STD_ROOM	DATE_TIME	ACADEMIC_SES
-	-	-	100
BUILDING A	101	MWF 12-1	100
BUILDING B	201	THUR 2-4	100
BUILDING C	301	TUES 5-7	100

Выведите сведения об учащихся, чье имя начинается с буквы J

SELECT * FROM students WHERE frst_name LIKE 'J%'

Rows	10	Clear Command	Find Tables
SELECT * FROM students WHERE frst_name LIKE 'J%'			
Results	Explain	Describe	Saved SQL
History			
ID	FRST_NAME	LST_NAME	RGS_YEA
720	JACK	SMITH	01-Jan-2012
760	JEANNE	BEN	01-Mar-2012
EMAIL	PNT_INF_ID		
JSMITH@SCHOOLEDU	600		
JBEN@SCHOOLEDU	610		

Выведите сведения об учащихся, зарегистрировавшихся на курсы 190 или 193.

Select stu_id, crs_id FROM STUDENT_COURSE_DETAILS WHERE crs_id = 190 OR crs_id = 193

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT stu_id, crs_id FROM STUDENT_COURSE_DETAILS WHERE crs_id = 190 OR crs_id = 193
```

Results Explain Describe Saved SQL History

STU_ID	CRS_ID
720	190
720	193
760	190
770	193

Выведите сведения о курсах, предлагаемых подразделением 30 в осеннем периоде (Session ID 200)

```
SELECT * FROM courses WHERE dpt_id = 30 AND academic_sessions_id = 200
```

SQL Commands Schema RU_A404_SQL_S04

Rows 10 Clear Command Find Tables Save Run

```
SELECT * FROM courses WHERE dpt_id = 30 AND academic_sessions_id = 200
```

Results Explain Describe Saved SQL History

no data found

Выведите сведения о курсах, не предлагаемых в летний и осенний период (Session ID 200 и 300).

```
SELECT * FROM courses WHERE NOT academic_sessions_id = 200 AND NOT academic_sessions_id = 300
```

SQL Commands		Schema RU_A404_SQL_S04					
Rows	10		Clear Command	Find Tables	Save	Run	
SELECT * FROM courses WHERE NOT academic_sessions_id = 200 AND NOT academic_sessions_id = 300							
Results	Explain	Describe	Saved SQL	History			
ID	NAME	DPT_ID	ONLINES_LGN_ID	STD_BLD	STD_ROOM	DATE_TIME	ACADEMIC_SESSIONS
193	STRATEGIC TAX PLANNING FOR BU	10	TAX123	-	-	-	100
190	PRINCIPLES OF ACCOUNTING	10	-	BUILDING A	101	MWF 12-1	100
191	INTRODUCTION TO BUSINESS LAW	10	-	BUILDING B	201	THUR 2-4	100
192	COST ACCOUNTING	10	-	BUILDING C	301	TUES 5-7	100
4 rows returned in 0.01 seconds Download							

Выведите сведения о курсах для подразделения 20.

SELECT * FROM courses WHERE dpt_id = 20

SQL Commands		Schema RU_A404_SQL_S04					
Rows	10		Clear Command	Find Tables	Save	Run	
SELECT * FROM courses WHERE dpt_id = 20							
Results	Explain	Describe	Saved SQL	History			
ID	NAME	DPT_ID	ONLINES_LGN_ID	STD_BLD	STD_ROOM	DATE_TIME	ACADEMIC_SESSIONS
194	GENERAL BIOLOGY	20	BIO123	-	-	-	200
195	CELL BIOLOGY	20	-	BUILDING D	401	MWF 9-10	200