1. CREATE SCHEMA ` human\_resource` DEFAULT CHARACTER SET utf8 ;

Создание схемы

1. Создание таблицы
2. CREATE TABLE IF NOT EXISTS Department (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE IF NOT EXISTS Personal (

id INT PRIMARY KEY,

id\_head INT,

id\_dep INT,

name VARCHAR(255),

sal float,

FOREIGN KEY (id\_dep) REFERENCES Department (id)

);

1. Вставка данных в таблицы
2. Составление SQL запросов по заданию
3. Скрипт для создания таблиц

CREATE TABLE IF NOT EXISTS Department (

id INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE IF NOT EXISTS Personal (

id INT PRIMARY KEY,

id\_head INT,

id\_dep INT,

name VARCHAR(255),

sal INT,

FOREIGN KEY (id\_dep) REFERENCES Department (id)

);

delete from department where id > 0;

LOAD DATA LOCAL INFILE 'D:/temp/Department.csv'

INTO TABLE Department

CHARACTER SET cp1251

FIELDS TERMINATED BY ','

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;

select \* from department

LOAD DATA LOCAL INFILE 'D:/temp/arh.csv'

INTO TABLE personal

CHARACTER SET cp1251

FIELDS TERMINATED BY ','

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;

SELECT \* FROM human\_resource.personal;

1. my.ini

init-connect='SET NAMES utf8'

1. 2.3 min and max salary

DELIMITER //

CREATE procedure getReport()

BEGIN

SELECT

name,sal

FROM personal AS p

INNER JOIN (SELECT MAX(sal) AS SL FROM personal) AS r ON r.SL = p.sal

union

SELECT

name,sal

FROM personal AS p

INNER JOIN (SELECT MIN(sal) AS SL FROM personal) AS r ON r.SL = p.sal;

END//

DELIMITER ;

2)

2.2 select name,

char\_length(name)

- char\_length(

replace(replace(replace(replace(replace(replace(replace(replace(replace(replace(

lower(name), 'а', ''), 'е', ''), 'ё', ''), 'и', ''), 'о', ''),'э',''), 'ю',''), 'я', ''), 'у', ''), 'ы','')

) as vowel\_count

from personal

ORDER by vowel\_count DESC;

2.1

DELIMITER //

CREATE FUNCTION getSex (name varchar(50))

RETURNS char(4) DETERMINISTIC

BEGIN

DECLARE sex char(4);

IF right(name,1)='а' then

set sex= 'г-жа';

ELSE set sex = 'г-н';

END IF;

return sex;

END; //

DELIMITER ;

select D.name, CONCAT(getSex(p.name) ,' ', P.name )as name\_with\_prefix from personal p

LEFT JOIN department d

ON p.ID\_DEP=d.id