

Лабораторная работа 6

Необходимо создать несколько типов представлений в своей базе данных. Примеры представлений указаны ниже:

1. Horizontal views. An example

```
CREATE VIEW EASTREPS AS  
SELECT * FROM SALESREPS WHERE REP_OFFICE IN (11, 12, 13);
```

2. Vertical views. An example

```
CREATE VIEW REPINFO AS  
SELECT EMPL_NUM, NAME, REPOFFICE  
FROM SALESREPS;
```

3. Grouped views. An example

```
CREATE VIEW ORD_BY_REP (WHO, HOW_MANY, TOTAL, LOW, HIGH, AVERAGE)  
AS SELECT REP, COUNT (*), SUM (AMOUNT), MIN (AMOUNT), MAX (AMOUNT), AVG (AMOUNT)  
FROM ORDERS GROUP BY REP;
```

4. Joined views. An example

```
CREATE VIEW ORDER_INFO (ORDER_NUM, COMPANY, REP_NAME, AMOUNT) AS  
SELECT ORDER_NUM, COMPANY, NAME, AMOUNT  
FROM ORDERS, CUSTOMERS, SALESREPS  
WHERE CUST = CUST_NUM AND REP = EMPL_NUM;
```