**The laboratory work 6**

You need to create several types of views in your database. View examples are listed below:

1. Horizontal views. An example

CREATE VIEW EASTREPS AS

SELECT \* FROM SALESREPS WHERE REP\_OFFICE IN (11, 12, 13);

1. Vertical views. An example

CREATE VIEW REPINFO AS

SELECT EMPL\_NUМ, NАМЕ, REPOFFICE

FROM SALESREPS;

1. Grouped views. An example

CREATE VIEW ORD\_ВУ\_REP (WНО, HOW\_МANY, TOTAL, LOW, HIGH, AVERAGE)

AS SELECT REP, COUNT (\*), SUМ (AМOUNT), MIN (AМOUNТ), МАХ (АМОUNТ), AVG (AМOUNT) FROM ORDERS GROUP ВУ REP;

1. Joined views. An example

CREATE VIEW ORDER\_INFO (ORDER\_NUМ, COMPANY, REP\_NAМE, AМOUNT) AS

SELECT ORDER\_NUМ, COMPANY, NАМЕ, AМOUNT

FROM ORDERS, CUSTOMERS, SALESREPS

WHERE CUST = CUST NUМ AND REP = EMPL\_NUМ;