Laboratory work #4

Please write SQL queries following tasks and save as .sql file.

1. Create database called «laboratory_work_4»

2. Create following tables «Warehouses» and «Packs» and following meanings:

	code integer	location character varying (255)	capacity integer
1	1	Chicago	3
2	2	Chicago	4
3	3	New York	7
4	4	Los Angeles	2
5	5	San Francisco	8

	code character (4)	contents character varying (255)	value real	warehouse integer
1	0MN7	Rocks	180	3
2	4H8P	Rocks	250	1
3	4RT3	Scissors	190	4
4	7G3H	Rocks	200	1
5	8JN6	Papers	75	1
6	8Y6U	Papers	50	3
7	9J6F	Papers	175	2
8	LL08	Rocks	140	4
9	P0H6	Scissors	125	1
10	P2T6	Scissors	150	2
11	TU55	Papers	90	5

4. Select all packs with all columns.

5. Select all packs with a value larger than $180.

6. Select all the packs distinct by contents.

7. Select the warehouse code and the number of the packs in each warehouse.

8. Same as previous exercise, but select only those

warehouses where the number of the packs is greater than 2.

9. Create a new warehouse in Texas with a capacity for 5 packs.
10. Create a new pack, with code "H5RT", containing "Papers" with a value of $350, and located in warehouse 2.
11. Reduce the value of the third largest pack by 18%.
12. Remove all packs with a value lower than $150.
13. Remove all packs which is located in Chicago. Statement should return all deleted data.