CREATE VIEW EXPENSIVE\_RATES AS

SELECT number, name, cost

FROM RATES WHERE cost > 4000

WITH CHECK OPTION;

INSERT INTO expensive\_rates (number, name, cost) VALUES (7, 'Дорогой', 5000);

INSERT INTO expensive\_rates (number, name, cost) VALUES (7, 'Не Дорогой', 3500);

DROP VIEW expensive\_rates;

CREATE VIEW ACCURALS\_AND\_RATES AS

SELECT ACCURALS.number AS 'accural number', amount AS 'for all' , cost AS 'for 1 m', RATES.number AS 'rate number'

FROM ACCURALS JOIN RATES ON ACCURALS.rate\_number = RATES.number;

CREATE UNIQUE INDEX ind\_name ON RATES(name);

SELECT \* FROM RATES WHERE name = 'Землянка';

DROP INDEX ind\_name ON RATES

CREATE INDEX name\_cost ON RATES(name, cost);

SELECT \* FROM RATES WHERE NAME IS NOT NULL ORDER BY cost;

DROP INDEX name\_cost ON RATES;

CREATE INDEX sdate ON RATES(start\_date);

[SELECT](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) start\_date, [AVG](http://127.0.0.1/openserver/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_avg)(cost) FROM RATES GROUP BY start\_date;

DROP INDEX sdate ON RATES;

CREATE INDEX id\_name ON RATES(number, name);

SELECT \* FROM RATES WHERE number > 3 AND name IS NOT NULL;

DROP INDEX id\_name ON RATES;

CREATE INDEX id\_name\_c ON RATES(number, name, cost);

SELECT \* FROM RATES WHERE number > 3 AND name IS NOT NULL ORDER BY cost;

DROP INDEX id\_name\_c ON RATES;