

```
hive> SELECT * FROM stocks
```

```
WHERE symbol = 'GEL';
```

```
hive> SELECT * FROM stocks
```

```
WHERE symbol IN ('GEL', 'B3B');
```

```
hive> SELECT * FROM stocks
```

```
WHERE exch LIKE 'ABC%' and symbol RLIKE 'B.B';
```

```
hive> SELECT symbol, price_open, price_close, volume,
```

```
CASE
```

```
  WHEN volume < 20000 THEN 'low'
```

```
  WHEN volume >= 20000 AND volume < 40000 THEN 'middle'
```

```
  WHEN volume >= 40000 AND volume < 60000 THEN 'high'
```

```
  ELSE 'very high'
```

```
END
```

```
AS volume_level
```

```
FROM stocks
```

```
WHERE symbol = 'GEL';
```

```
hive> SELECT DISTINCT exch, symbol FROM stocks;
```

```
hive> SELECT * FROM stocks
```

```
LIMIT 10;
```

```
hive> SELECT year(ymd), symbol, avg(volume) FROM stocks  
GROUP BY year(ymd), symbol;
```

```
hive> SELECT year(ymd), symbol, avg(volume) FROM stocks  
GROUP BY year(ymd), symbol  
HAVING avg(volume) > 400000;
```

```
hive> INSERT OVERWRITE LOCAL DIRECTORY '/home/hirw/output/hive/stocks'  
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','  
SELECT year(ymd), symbol, avg(volume) FROM stocks  
GROUP BY year(ymd), symbol  
HAVING avg(volume) > 400000;
```

```
hive> INSERT OVERWRITE LOCAL DIRECTORY '/home/hirw/output/hive/stocks'  
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','  
STORED AS ORC  
SELECT year(ymd), symbol, avg(volume) FROM stocks  
GROUP BY year(ymd), symbol  
HAVING avg(volume) > 400000;
```

```
hive> SELECT * FROM stocks  
ORDER BY price_close DESC;
```

```
hive> SET mapreduce.job.reduces=3;
```

```
hive> SELECT * FROM stocks  
ORDER BY price_close DESC;
```

```
hive> SELECT ymd, symbol, price_close  
FROM stocks WHERE year(ymd) = '2003'  
SORT BY symbol ASC, price_close DESC;
```

```
hive> INSERT OVERWRITE LOCAL DIRECTORY '/home/hirw/output/hive/stocks'  
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','  
SELECT ymd, symbol, price_close  
FROM stocks WHERE year(ymd) = '2003'  
SORT BY symbol ASC, price_close DESC;
```

```
hive> INSERT OVERWRITE LOCAL DIRECTORY '/home/hirw/output/hive/stocks'  
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','  
SELECT ymd, symbol, price_close  
FROM stocks WHERE year(ymd) = '2003'  
DISTRIBUTE BY symbol  
SORT BY symbol ASC, price_close DESC;
```

```
hive> SELECT ymd, symbol, price_close  
FROM stocks  
DISTRIBUTE BY symbol  
SORT BY symbol ASC;
```

```
hive> INSERT OVERWRITE LOCAL DIRECTORY '/home/hirw/output/hive/stocks'
```

ROW FORMAT DELIMITED FIELDS TERMINATED BY ','

SELECT ymd, symbol, price_close

FROM stocks

CLUSTER BY symbol;