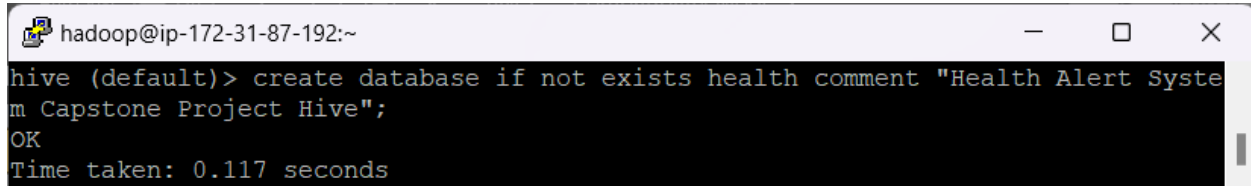


## STATEMENTS TO CREATE DATABASE FOR PATIENTS' VITAL INFORMATION

```
create database if not exists health comment "Health Alert System Capstone Project `
Database";
```

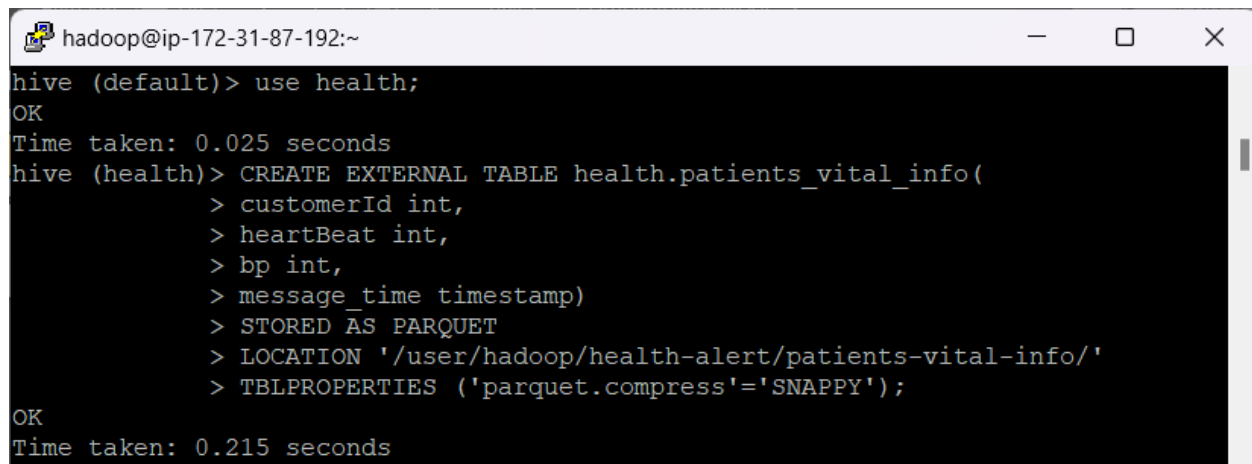


```
hadoop@ip-172-31-87-192:~
hive (default)> create database if not exists health comment "Health Alert System Capstone Project Hive";
OK
Time taken: 0.117 seconds
```

## STATEMENTS TO CREATE EXTERNAL HIVE TABLE FOR PATIENTS' VITAL INFORMATION

```
use health;
```

```
CREATE EXTERNAL TABLE health.patients_vital_info(
customerId int,
heartBeat int,
bp int,
message_time timestamp)
STORED AS PARQUET
LOCATION '/user/hadoop/health-alert/patients-vital-info/'
TBLPROPERTIES ('parquet.compress'='SNAPPY');
```



```
hadoop@ip-172-31-87-192:~
hive (default)> use health;
OK
Time taken: 0.025 seconds
hive (health)> CREATE EXTERNAL TABLE health.patients_vital_info(
> customerId int,
> heartBeat int,
> bp int,
> message_time timestamp)
> STORED AS PARQUET
> LOCATION '/user/hadoop/health-alert/patients-vital-info/'
> TBLPROPERTIES ('parquet.compress'='SNAPPY');
OK
Time taken: 0.215 seconds
```

## STATEMENTS TO VIEW PATIENTS' VITAL INFORMATION HIVE TABLE:

```
select * from health.patients_vital_info limit;
```

```
hadoop@ip-172-31-87-192:~
hive (health)> select * from health.patients_vital_info limit;
OK
limit.customerid      limit.heartbeat limit.bp          limit.message_time
1      70      189      2024-07-29 05:37:00.007
2      72      173      2024-07-29 05:37:00.007
3      68      178      2024-07-29 05:37:00.007
4      71      152      2024-07-29 05:37:00.007
5      73      166      2024-07-29 05:37:00.007
1      74      185      2024-07-29 05:37:00.007
2      67      177      2024-07-29 05:37:00.007
3      66      158      2024-07-29 05:37:00.007
4      71      177      2024-07-29 05:37:00.007
5      66      155      2024-07-29 05:37:00.007
5      73      173      2024-07-29 05:49:30.003
1      77      203      2024-07-29 05:49:30.003
2      67      165      2024-07-29 05:49:30.003
3      71      166      2024-07-29 05:49:30.003
4      66      158      2024-07-29 05:49:30.003
5      71      152      2024-07-29 05:49:30.003
1      78      177      2024-07-29 05:49:30.003
2      71      172      2024-07-29 05:49:30.003
3      70      151      2024-07-29 05:49:30.003
4      68      156      2024-07-29 05:49:30.003
1      77      184      2024-07-29 05:43:10.003
2      66      162      2024-07-29 05:43:10.003
3      68      159      2024-07-29 05:43:10.003

2      72      166      2024-07-29 05:38:40.004
3      66      158      2024-07-29 05:38:40.004
4      71      176      2024-07-29 05:38:40.004
5      67      168      2024-07-29 05:38:40.004
5      66      174      2024-07-29 05:54:10.003
1      75      194      2024-07-29 05:54:10.003
2      67      152      2024-07-29 05:54:10.003
3      72      165      2024-07-29 05:54:10.003
4      72      163      2024-07-29 05:54:10.003
5      68      172      2024-07-29 05:54:10.003
1      74      189      2024-07-29 05:54:10.003
2      68      161      2024-07-29 05:54:10.003
3      67      170      2024-07-29 05:54:10.003
4      68      161      2024-07-29 05:54:10.003
4      70      169      2024-07-29 05:59:10.003
5      73      175      2024-07-29 05:59:10.003
1      77      207      2024-07-29 05:59:10.003
2      69      158      2024-07-29 05:59:10.003
3      68      178      2024-07-29 05:59:10.003
4      68      172      2024-07-29 05:59:10.003
5      69      154      2024-07-29 05:59:10.003
1      71      202      2024-07-29 05:59:10.003
2      71      179      2024-07-29 05:59:10.003
3      70      156      2024-07-29 05:59:10.003
Time taken: 1.712 seconds, Fetched: 1800 row(s)
hive (health)>
```