

Question 2

Mode : SELECT Application, COUNT(*) as frequency from LEADS GROUP BY Application ORDER BY frequency DESC LIMIT 1;

```
sqlite> SELECT Application, COUNT(*) as frequency
...> FROM LEADS
...> GROUP BY Application
...> ORDER BY frequency DESC
...> LIMIT 1;
Enterprise EMR | 4187
sqlite>
```

Median : select COUNT(Application) from LEADS ORDER BY Application;

We got count alphabetically which is 20539

Middle element would be 10270

select COUNT(Name),Application from LEADS GROUP BY Application ORDER BY Application;

we get all applications alphabetically so Hospital number 10270 would be median which is Enterprise EMR

```
sqlite> select COUNT(Application) from LEADS ORDER BY Application;
20539
sqlite> select COUNT(Name),Application from LEADS GROUP BY Application ORDER BY Application;
4159 | Computerized Practitioner Order Entry (CPOE)
4036 | Electronic Data Interchange (EDI) - Clearing House Vendor
4187 | Enterprise EMR
4051 | Enterprise Resource Planning
4106 | Executive Information System
sqlite> |
```