Name: - Kamal Rohra

Roll no: -1911111

Partner: - sanket saboo(1911112)

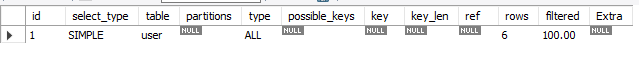
**Simple select query: -**

Explain: -

Code: -

explain select \* from user;

Output: -

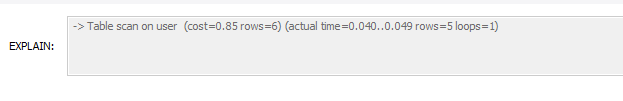


Explain analyze: -

Code: -

explain analyze select \* from user;

Output: -



**Select query with join: -**

Explain: -

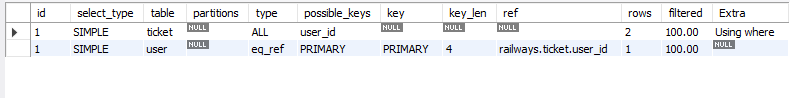
Code: -

explain select \* from user

inner join ticket

on user.user\_id = ticket.user\_id;

OUTPUT: -



Explain analyze: -

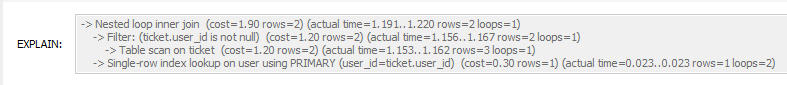
Code: -

explain analyze select \* from user

inner join ticket

on user.user\_id = ticket.user\_id;

Output: -



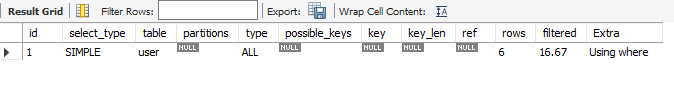
**Select query with where clause: -**

Explain: -

Code: -

explain select \* from user where first\_name = "sanket";

Output: -

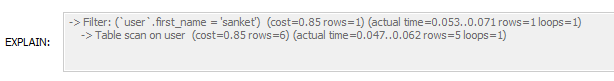


Explain analyze: -

Code: -

explain analyze select \* from user where first\_name = "sanket";

Output: -



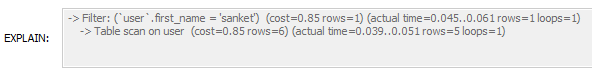
**Index: -**

Code: -

create index users\_first\_name on user(first\_name);

explain analyze select \* from user where first\_name = "sanket"

Output: -



|  |
| --- |
| -> Index lookup on user using users\_first\_name (first\_name='sanket') (cost=0.35 rows=1) (actual time=0.113..0.116 rows=1 loops=1) |

**After dropping index: -**

Code: -

drop index users\_first\_name on user;

Output: -

