TUGAS QUERY INDEX

NAMA: MAHA DIVTA SEMBIRING

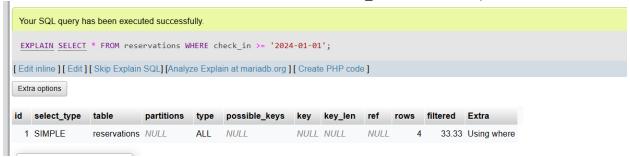
KELAS: TRPL-5C

NIM : 2205181051

MAPEL: MANAJEMEN BASIS DATA CLIENT SERVER

1. QUERY INDEX CHECK OUT RESERVASIONS HASIL EXPLAIN SEBELUM INDEXING:

"EXPLAIN SELECT * FROM reservations WHERE check_in >= '2024-01-01';



SETELAH DILAKUKAN INDEXING:



2. QUERY INDEX CUSTOMERS:

" EXPLAIN SELECT * FROM customers WHERE name = 'Bob Brown'; "



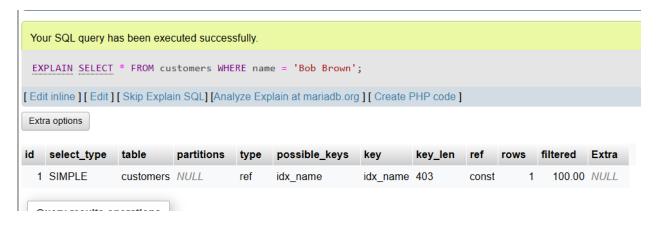
PROSES INDEX:

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0516 seconds.)

CREATE INDEX idx_name ON customers (name);

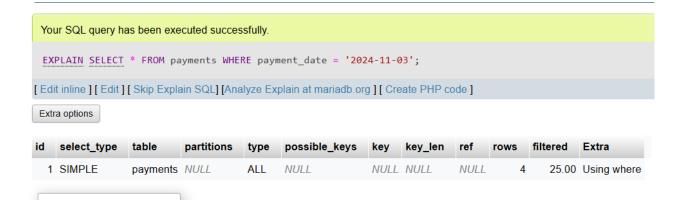
[Edit inline][Edit][Create PHP code]
```

SETELAH DILAKUKAN INDEX:



3. QUERY INDEX PAYMENTS:

"EXPLAIN SELECT * FROM payments WHERE payment date = '2024-11-03'; "



PROSES INDEX:

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0379 seconds.)

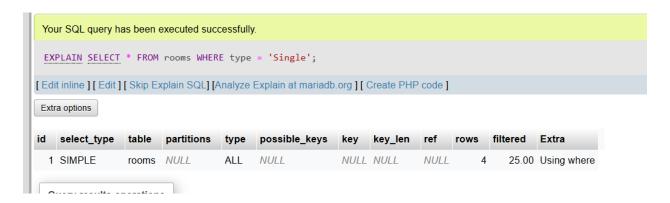
CREATE INDEX idx_payments_date ON payments (payment_date);

[Edit inline][Edit][Create PHP code]
```

SETELAH DILAKUKAN INDEX:



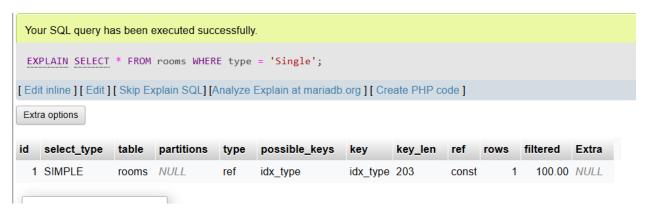
 QUERY SEBELUM INDEX : EXPLAIN SELECT * FROM rooms WHERE type = 'Single';



PROSES INDEX:

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0409 seconds.)
CREATE INDEX idx_type ON rooms (type);
[Edit inline][Edit][Create PHP code]
```

SETELAH DILAKUKAN INDEX:



LINK DATABASE NYA:

https://drive.google.com/drive/folders/1Cmw-elRCKBoDSCX3aBF2VVOWtn4O9ZZl?usp=drive_link