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GITHUB : https://github.com/isnaayu/anagram_test

anagram.js > anagramGroup

```js
anagrams = ["cook", "save", "taste", "aves", "vase", "state", "map"]

function anagramGroup(anagram){
    // untuk menyimpan kumpulan anagram
    const container = {};
    // nomor prime digunakan untuk kalkulasi nomor unik pada setiap string
    const primeNumber = [2,3,5,7,11,13,17,19,23,29,31,37,41,43,47,53,59,61,67,71,73,79,83,89,97,101];

    for(const a of anagram){
        let key=1;
        for(let i=0;i<a.length;i+=1){
            // mencari kode ascii untuk setiap string
            const ascii = a.charCodeAt(i);
            // kode ascii a dimulai dari angka 97
            key*=primeNumber[ascii-97];
        }
        // abc cba
        if(container[key]){
            // jika key terdapat pada kontainer maka kata tersebut ditambahkan
            container[key].push(a);
        }else{
            // jika belum ada maka akan membuat array baru
            container[key]=[a];
        }
    }
    // console.log(container)
    return Object.values(container);
}

// anagramGroup(anagrams)
const result = anagramGroup(anagrams)
console.log(result);
```

```
user@user-Latitude-7490:~/test_ultraVoucher$ node anagram.js
[
  [ 'map' ],
  [ 'save', 'aves', 'vase' ],
  [ 'cook' ],
  [ 'taste', 'state' ]
]
```

QUERY : select C.id, C.name, P.name as parent_name from m_child C left join m_parent P on P.id=C.parent_id ;

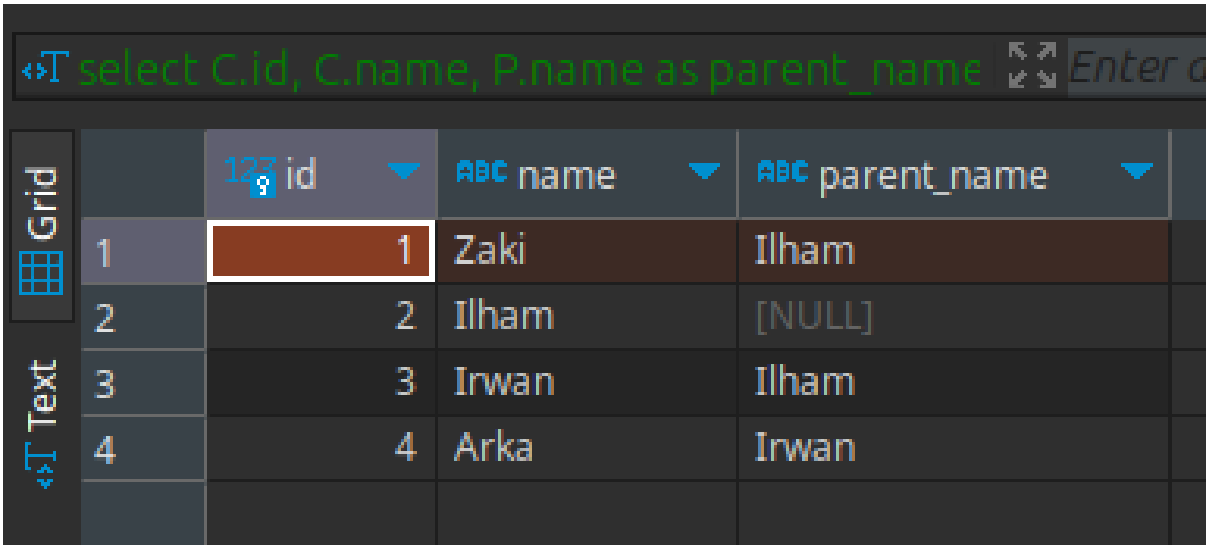
```sql
--select * from m_parent;
 select * from m_child;

--insert into m_parent (name,address,phone) values ('Budi', 'Ragunan No. 12', '823234344');
 --insert into m_parent (name,address,phone) values ('Ilham', 'Ragunan No. 2', '08342223');
 --insert into m_parent (name,address,phone) values ('Ilham', 'Ragunan No. 3', '08342223');
 --insert into m_parent (name,address,phone) values ('Ilham', 'Ragunan No. 4', '08656566');
 --insert into m_parent (name,address,phone) values ('Ilham', 'Ragunan No. 5', '08545353');


--insert into m_child (name,parent_id) values ('Zaki',2);
 --insert into m_child (name) values ('Ilham');
 --insert into m_child (name,parent_id) values ('Irwan',2);
 --insert into m_child (name,parent_id) values ('Arka',3);

--ALTER TABLE m_child ADD CONSTRAINT fk_child FOREIGN KEY(parent_id) REFERENCES m_parent(id) ON DELETE CASCADE ON UPDATE CASCADE;

select C.id, C.name, P.name as parent_name from m_child C left join m_parent P on P.id=C.parent_id ;
```


select C.id, C.name, P.name as parent_name
Enter
Grid
Text
id
name
parent_name
1
1
Zaki
Ilham
2
2
Ilham
[NULL]
3
3
Irwan
Ilham
4
4
Arka
Irwan