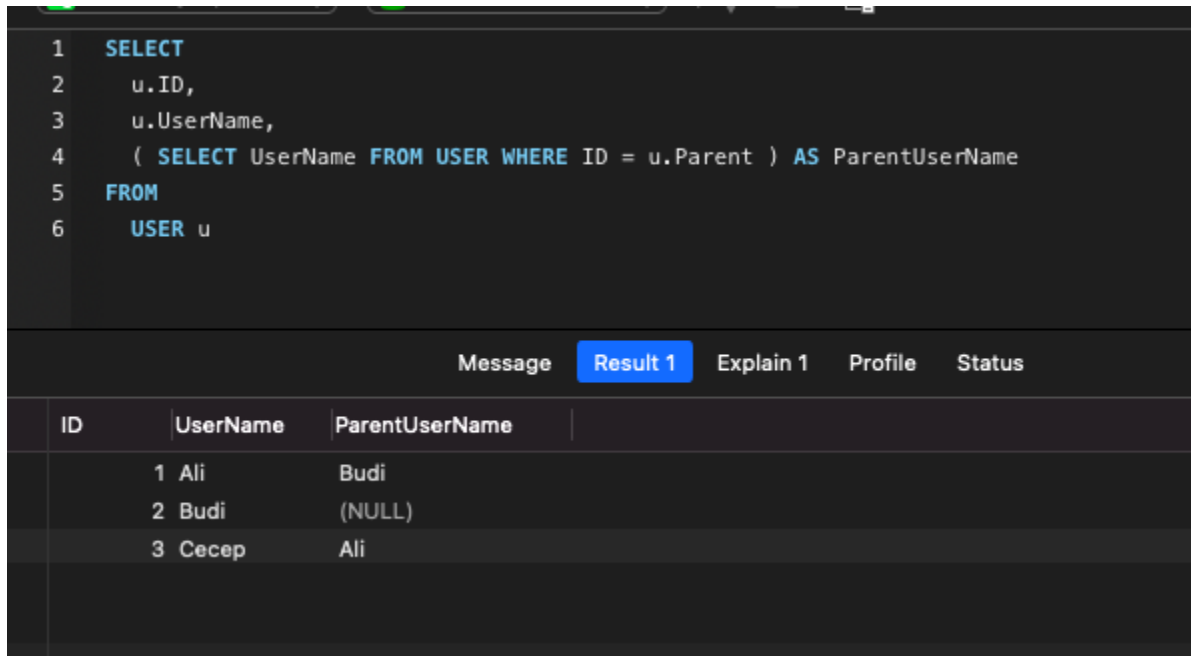


Answers - Donny Kurniawan - Bibit Node.js

1. SELECT u.ID, u.UserName, (SELECT UserName FROM user WHERE ID = u.Parent) as ParentUserName FROM user u



The screenshot shows a SQL query execution interface. The query is as follows:

```
1 SELECT
2   u.ID,
3   u.UserName,
4   ( SELECT UserName FROM USER WHERE ID = u.Parent ) AS ParentUserName
5 FROM
6   USER u
```

Below the query, there are tabs for "Message", "Result 1", "Explain 1", "Profile", and "Status". The "Result 1" tab is selected, displaying the following table:

ID	UserName	ParentUserName
1	Ali	Budi
2	Budi	(NULL)
3	Cecep	Ali

3. Function find string on bracket

```
function findFirstString(str) {
  if (str.length < 0) return ""

  const firstBracketIndex = str.indexOf('(')
  const lastBracketIndex = str.indexOf(')')

  first = str.substring(firstBracketIndex + 1)
  first = first.substring(lastBracketIndex - 1, 0)

  return first
}
```

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4. Categorize Anagram

```
function categorizeAnagram(arr) {  
  let arrStrings = arr;  
  let resultArr = []  
  let objStrings = {}  
  
  arrStrings.forEach((k, index) => {  
    let sortedString = k.split("").sort().join("")  
    objStrings[sortedString] = objStrings[sortedString] + ' ' + k  
  })  
  
  Object.entries(objStrings).forEach(([key, value]) => {  
    string = value.replace('undefined ', '')  
  
    resultArr.push(string.split(' '))  
  })  
  
  console.log(resultArr)  
}
```



```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE  
~/Projects/stockbit-donny [ develop ?3 ]  
node libs/anagram.js  
[  
  [ 'kita', 'atik', 'tika' ],  
  [ 'aku', 'kua' ],  
  [ 'kia' ],  
  [ 'makan' ]  
]  
~/Projects/stockbit-donny [ develop ?3 ]
```