

Kunyari lang database

Ito yung kunyari database pag may nakitang KEYWORD sa sinabi ng nagtatanong sa chat. You can add more kung gusto nyo.

```
private void responseDatabase(){
    map.put("windows", "Your operating system has know issues at the moment. You need to get the latest update.");
    map.put("slow", "It could be because you have process running all at the same time. Limit running applications.");
    map.put("virus", "If you have an antivirus installed, that could help prevent attack that is slowing down your system.");
    map.put("login", "It could be a problem of the OS access control. You need to refer to your OS manual.");
    map.put("hard", "That is interesting. Tell me more.");
    map.put("wifi", "Make sure you have internet available and your router is working.");
    map.put("internet", "I need more more information. Explain more.");
    map.put("system", "Maybe your operating system is old. Upgrade to windows 10.");
    map.put("harddrive", "Make sure you have enough space left. Delete some files.");
    map.put("monitor", "Make sure to turn on the power and check cable. Getting the latest driver helps.");
}
```

Take note, this method can be improved by putting them in a text file....or better in a database. And by doing this, you need to learn I/O in Java...how to read and write basically. Which will be a good topic for next time.

For now, do this...and take note....the format has two parts:

KEY - VALUE

map.put(key, value)

halibawa, map.put("windows", "Your operating system has...")

"windows" is the key

"Your operating system has..." is the value

Ito naman yung database ng responses KUNG walang nakitang KEYWORD sa tanong ng nag-i-inquire

```
private void randomResponsesDatabase(){
    randomResponses = new String[10];
    randomResponses[0] = "Can you elaborate more?";
    randomResponses[1] = "Sorry, can you explain it little further?";
    randomResponses[2] = "Your question is not clear yet. Can you tell me more details about it?";
    randomResponses[3] = "I did not get that. What is the problem again?";
    randomResponses[4] = "Tell me more about the symptoms.";
    randomResponses[5] = "The last part that you said. Can you explain that?";
    randomResponses[6] = "Oic. What else had happened after that?";
    randomResponses[7] = "What did you do before that happened?";
    randomResponses[8] = "Can you do any work on it? Is it functional still?";
    randomResponses[9] = "What else can you tell me about it?";
}
```

Read and Get

- three more methods na kailangan natin. Add them to your code.

```
⊖ private void generateResponse(String inquiry){  
    String[] inquiryArray = inquiry.trim().toLowerCase().split(" ");  
    String randomText = inquiryArray[random.nextInt(inquiryArray.length)];  
    response(randomText);  
}
```

- basically, ang ginawa ng method na ito ay
line 1) i-split niya word per word yung inquiry and then i-store niya those words in an ARRAY
line 2) from that ARRAY, kukuha siya RANDOMLY ng isang word at gagawin KEYWORD
line 3) then from that KEYWORD, kukuha siya from the database ng response (kung may makitang exactong key-word).. pero kung wala, kukuha siya ng response from a random response database.

```
⊖ private String read(){  
    return scanner.nextLine();  
}
```

- simpleng method na walang ginawa kundi mag read lang sa ita-type ng nag i-inquire

```
⊖ private String getRandomResponse(int i){  
    return randomResponses[i];  
}
```

- ito namang method na ito, walang ginawa kundi mag-RANDOMLY pick ng responses from the database