

# Declaration of Solution for Part 2 Exercise 2

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## Link to Github for Part 2 Exercise 2

The solution is available at <https://github.com/siowzheyi/lab14.git>

## List of Classes for the Solution of Part 2 Exercise 2

List all classes and methods that are used as solutions in this exercise. The list should indicate the class used for the server-side and client-side solutions separately.

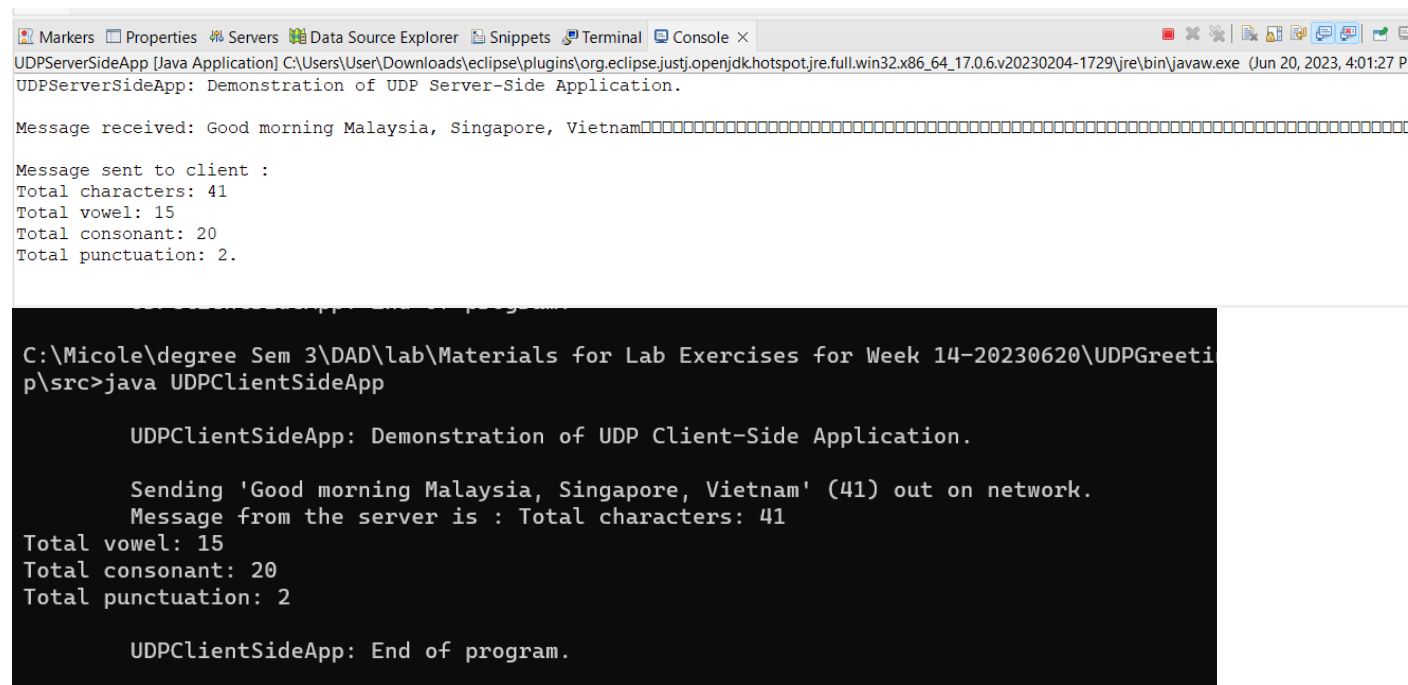
Class: UDPClientSideApp  
Method: main(String[] args)

Class: UDPServerSideApp  
Method: main(String[] args)

Class: SentenceProcessor  
Method: getSentence, convertToByteArray(int value), countCharacters, countVowel, countConsonant, countPunctuation

## Sample of Output

Include screenshots or output files if any



```
UDPServerSideApp [Java Application] C:\Users\User\Downloads\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (Jun 20, 2023, 4:01:27 PM)
UDPServerSideApp: Demonstration of UDP Server-Side Application.

Message received: Good morning Malaysia, Singapore, Vietnam
Message sent to client :
Total characters: 41
Total vowel: 15
Total consonant: 20
Total punctuation: 2.

C:\Micole\degree Sem 3\DAD\lab\Materials for Lab Exercises for Week 14-20230620\UDPGreeting\src>java UDPClientSideApp

UDPClientSideApp: Demonstration of UDP Client-Side Application.

Sending 'Good morning Malaysia, Singapore, Vietnam' (41) out on network.
Message from the server is : Total characters: 41
Total vowel: 15
Total consonant: 20
Total punctuation: 2

UDPClientSideApp: End of program.
```