

Declaration of Solution for Part 1 Exercise 5

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Link to Github for Part 1 Exercise 5

The solution is available at

https://github.com/WeiHen01/BITP3123_Lab14/tree/master/lab14/src/Part1Exercise5

List of Classes for the Solution of Part 1 Exercise 5

Server-side:

Class: TCPSummentationServerApp, ThreeNumberCalculator

Methods: getAdd(number1: int, number2: int, number3: int),
getMultiply(number1: int, number2: int, number3: int), main(params:String[])

Client-side:

Class: TCPSummentationClientApp

Methods: main(params:String[])

Sample of Output

1. At **server-side**, TCPSummentationServerApp

Console:

```
TCPSummentationServerApp [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (Jun 23, 2023, 12:13:52 AM) [pid: 9800]
Executing TCP Summation Server:
    From client: 5, 4, 6
    To client:
    Total: 15 and Product: 120

    Waiting for next request
```

2. At **client-side**, TCPSummentationClientApp

Console:

```
<terminated> TCPSummentationClientApp [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (Jun 23, 2023, 12:13:55 AM - 12:14:09 AM) [pid: 3644]

    Executing TCP Summation Client App
    Enter first number: 5
    Enter second number: 4
    Enter third number: 6
    Sending to the server: 5, 4, 6
    Receiving from server:
    Sum: 15
    Product: 120
    End of execution at TCPSummentationClientApp
```