BINUS University

Academic Career:	Class Program:
Undergraduate / ~~Master / Doctoral~~ *)	*~~International~~ / Regular / ~~Smart Program /~~* *~~Global Class / BINUS Online Learning~~ *)*

☒ **Mid Exam** ☐ **Compact Term Exam** ☐ **Final Exam** ☐ **Others Exam : _____**	**Term : ~~Odd~~ / Even / ~~Compact~~ *)** **~~Period (Only for BOL) : 1 / 2 *)~~**	

☐ **Kemanggisan** ☐ **Alam Sutera** ☐ **Bekasi**	☐ **Senayan** ☐ **Bandung** ☒ **Malang**	☐ **Semarang**	**Academic Year :** **2022 / 2023**

Exam Type*	: Online	Faculty / Dept.	: SOCS / Computer Science
Day / Date**	: Rabu/3 May 2023	Code - Course	: COMP6856004 – Popular Programming Technology
Time**	: 13:00	Code - Lecturer	: D6404 – Gusti Pangestu, S.Kom., M.Kom
Exam Specification***	: ☐ Open Book ☐ Open Notes ☐ Close Book ☒ Submit Project ☐ Open E-Book ☐ Oral Test	BULC (Only for BOL)	:
		Class	:
Equipment*** : ☐ ExamBooklet ☒ Laptop ☐ Drawing Paper – A3 ☐ Calculator ☐ Tablet ☐ Drawing Paper – A2 ☐ Dictionary ☒ Smartphone ☐ Notes		Student ID ***	:
		Name ***	:
		Signature ***	:

*) *Strikethrough the unnecessary items*   **) *For Online Exam, this is the due date*   ***) *Only for Onsite Exam*

Please insert the test paper into the exam booklet and submit both papers after the test.

The penalty for CHEATING is DROP OUT!

Learning Outcome:
LO 1 : Explain fundamental concept of GO Programming Language
LO 2 : Apply GO programming language techniques and libraries
LO 3 : Solve problem using GO programming language

1. Explain what is meant by Ellipsis in Go Language programming? Give a concrete example! (LO1, 20%)
2. Using the concept of Array and looping in GoLang, create an array checking program to compare the contents of 2 arrays and explain each step! (LO3, 30%)
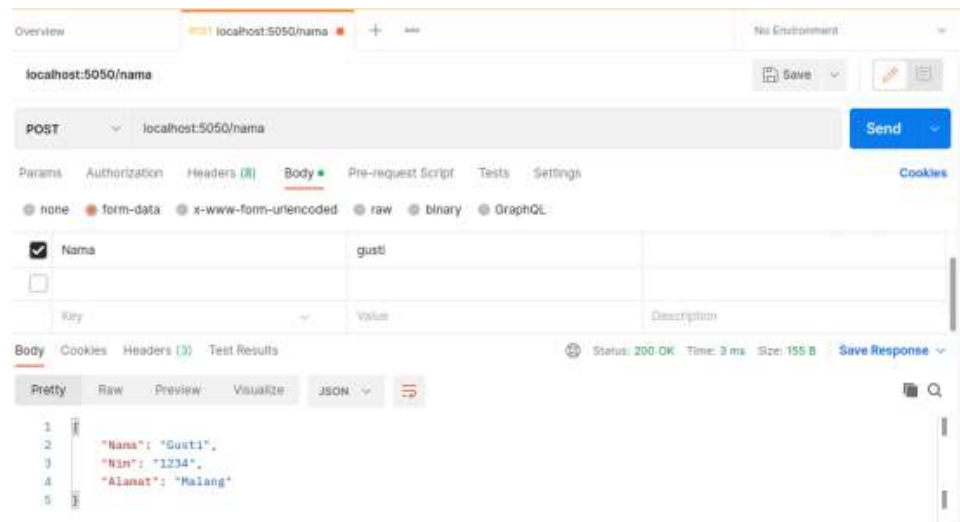


```
array 1:
a c d
array 2:
a d c
index ke 1 berbeda
index ke 2 berbeda
```
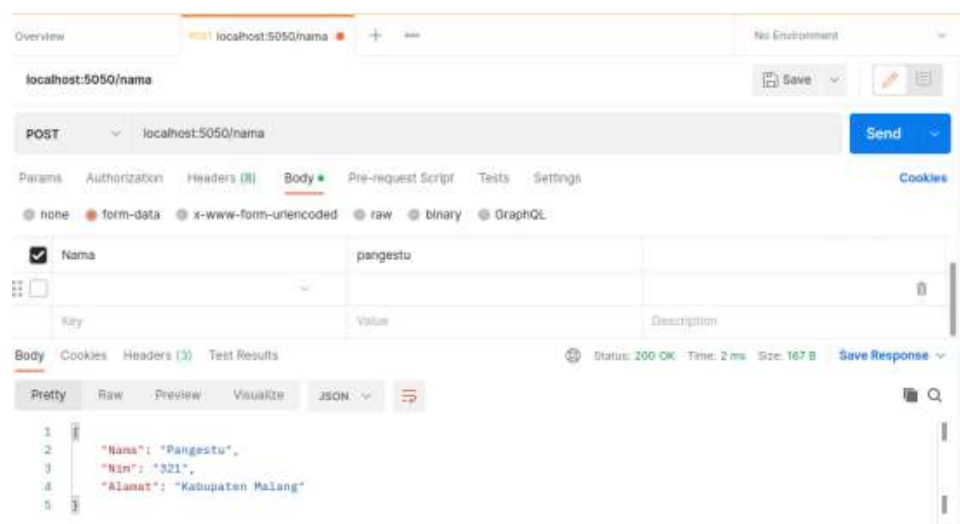
Verified by,

Gusti Pangestu, S.Kom., M.Kom (D6404) and sent to Computer Science Department on March 24th, 2023

3. Using the http request (GET and POST), struct, workspace and module libraries, create a program that can send a JSON response, with output as shown below: (LO2, 50%)

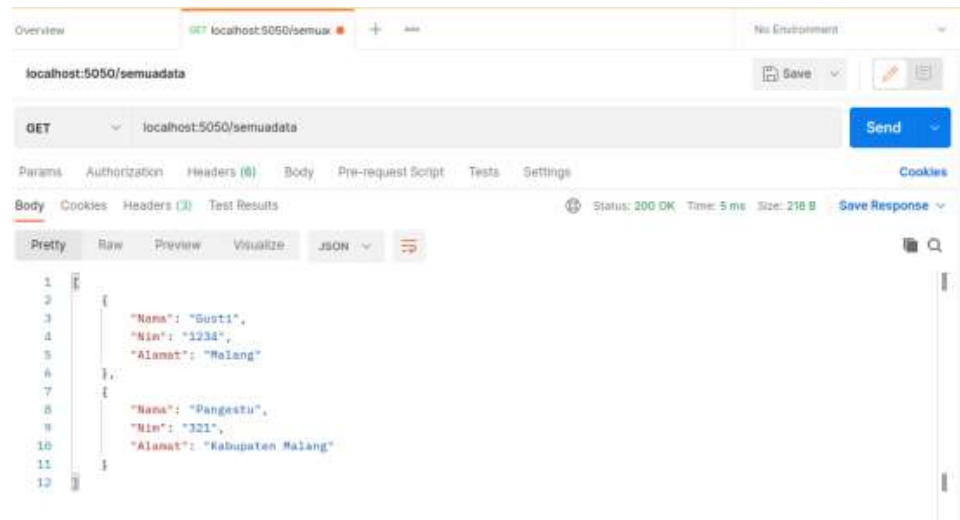(method: POST, input Nama:gusti)

(method: POST, input Nama:pangestu)

(method: GET, parameter: None)

Note: all answers are done in the form of video tutorials uploaded on Youtube and submitting links and source code.

Verified by,

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