

### UJIAN AKHIR SEMESTER GANJIL TH.AKD.2021/2022

Jurusan/Semester : Informatika/Ganjil	Hari/Tanggal Ujian : Selasa/14 Desember 2021
Mata Kuliah : Algoritma & Pemrograman	Sifat Ujian : Online
Nama Dosen : Frans. Panduwinata, S.Kom, M.T	Waktu Ujian : 19:00-20:30

#### Questions

Note:

Your program must not contain variable global, goto and label. Your program must contain at least two self-defined function.

1. Weight (50%) -> **minus 40 points if your program compiled error**

Write a program (use **array 2D** (max: 5x5)) with sample output below:

Row: 3

Col: 3

Your Data (Random number 1-10, duplicate is allowed):

3 2 7

1 4 4

5 9 6

Your Data (Without prime number(s)):

1 4 4

9 6

2. Weight (50%) -> **minus 40 points if your program compiled error**

Write a program (use **pointer with malloc**) with output below:

N: 5

Your Data (Random number 1-100, duplicate is allowed):

43 74 2 14 97

The most appeared digit value: 4

Note: if there is more than one digit value that have the same appearance, show all of them.