


Soal Praktikum <i>Practicum Case</i>	
COMP6360 Algorithm and Programming	
Teknik Informatika <i>Computer Science</i>	CS-COMP6360-Var02
Periode Berlaku Mulai Semester Ganjil 2018/2019 Valid on Odd Semester Year 2018/2019	Revisi 00 Revision 00

Learning Outcomes

- Write a program in C language in problem solving

Topic

- Session 05 – Array

Sub Topics

- Array 2 Dimension
- Random function

Soal

Case

Guess Multi is a game that will display a 5 x 5 matrix of number. The number will be randomized by the program.

- At the beginning of the program will generate the number from 0 – 100.
- The generated matrix will be displayed to the screen
- The program will also generate four numbers that will be used to get the number from the matrix
- User will be asked to enter multiplication of the two number from the cell that are displayed previously
- If the answer is correct, a message will be displayed "You Are Brilliant"
- If the answer is wrong, a message will be displayed "You Are Wrong"
- The number will be changed every time the program is run

Please run the EXE file to see the sample program.

Print Screen of First Screen

```
Guess Multiplication Random Matrix

[0] [0] 28      [0] [1] 1      [0] [2] 20      [0] [3] 89      [0] [4] 6
[1] [0] 73      [1] [1] 57      [1] [2] 1      [1] [3] 14      [1] [4] 53
[2] [0] 40      [2] [1] 99      [2] [2] 83      [2] [3] 34      [2] [4] 73
[3] [0] 21      [3] [1] 47      [3] [2] 99      [3] [3] 67      [3] [4] 22
[4] [0] 23      [4] [1] 96      [4] [2] 98      [4] [3] 28      [4] [4] 90

What is the result of angka[2][3] times angka[3][0] ?714
You Are Brilliant
```

Print Screen of Second Screen

```
Guess Multiplication Random Matrix

[0] [0] 9      [0] [1] 60      [0] [2] 42      [0] [3] 50      [0] [4] 23
[1] [0] 24      [1] [1] 84      [1] [2] 99      [1] [3] 87      [1] [4] 7
[2] [0] 89      [2] [1] 87      [2] [2] 82      [2] [3] 26      [2] [4] 55
[3] [0] 69      [3] [1] 34      [3] [2] 4      [3] [3] 69      [3] [4] 27
[4] [0] 16      [4] [1] 68      [4] [2] 54      [4] [3] 91      [4] [4] 94

What is the result of angka[1][2] times angka[0][3] ?4
You Are Wrong
```