## **STACK**

## Case story:

You are about to create a stack system that receive input from command-line argument or run-time parameter. The stack is using **dynamic arrays** with no limit that use all available memory until it runs out of space.

Naming your source code file with your student ID, i.e, 210020101.c

The executed program will run like this

```
$ ./tugas2.o saya makan nasi
success created stack
Pop => nasi
Pop => makan
Pop => saya
Stack Empty
```

Where the name of your program (in this example is **tugas2.o**) will be your student ID number, and the parameter used are arbitrary, what ever you can type inside as long as your system allowing.

If you don't put any parameter, your output will be like this

```
$ ./tugas2.o
Tidak ada inputan.
Format yang betul
./stack.o kata1 kata2 kata3 ...
```

## Rule

- 1. The program will use dynamic array.
- 2. Using C language programming to solve the task.
- 3. Attach your code file by email to tekad.matulatan@asu.edu, with email's subject Assignment 2 Data Structure, no later than 10<sup>th</sup> Oct 2021.

4. You have absolutely freedom how to accomplish this, including the programming style, the variable names, number of variables involved. In that sense, IT IS IMPOSSIBLE to have more than 1 code that are similar code or look alike with each other.
ANY code that resembles with others, all person involved will share the same fate.

IF YOU ARE SMART, you could help your friend with teach them about the topics, but YOU CAN NOT TELL THEM THE ANSWER. NEGLECTING MY ADVICE AT YOUR PERIL