

GTU Department of Computer Engineering
CSE331 – Fall 2023

Homework 1 Report

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Version2 WorkFlow

My program mainly runs like this:

```
# Call fill_loop function
jal fill_loop

#Call print_array function
jal print_array

# Call modify_array function
jal modify_array

# Call print_array function to print the modified array
jal print_array

# find 'O' if there is 'o' in neighbors => 'O' to '.'
jal update_array

# Call replace_o_with_dot function
jal replace_o_with_dot

# Call print_array function
jal print_array
```

Running and results:

```
Enter the size of the grid (format: rows columns): 3
3
....O....
...
.O.
...

ooo
ooo
ooo

o.o
...
o.o

-- program is finished running --
```

