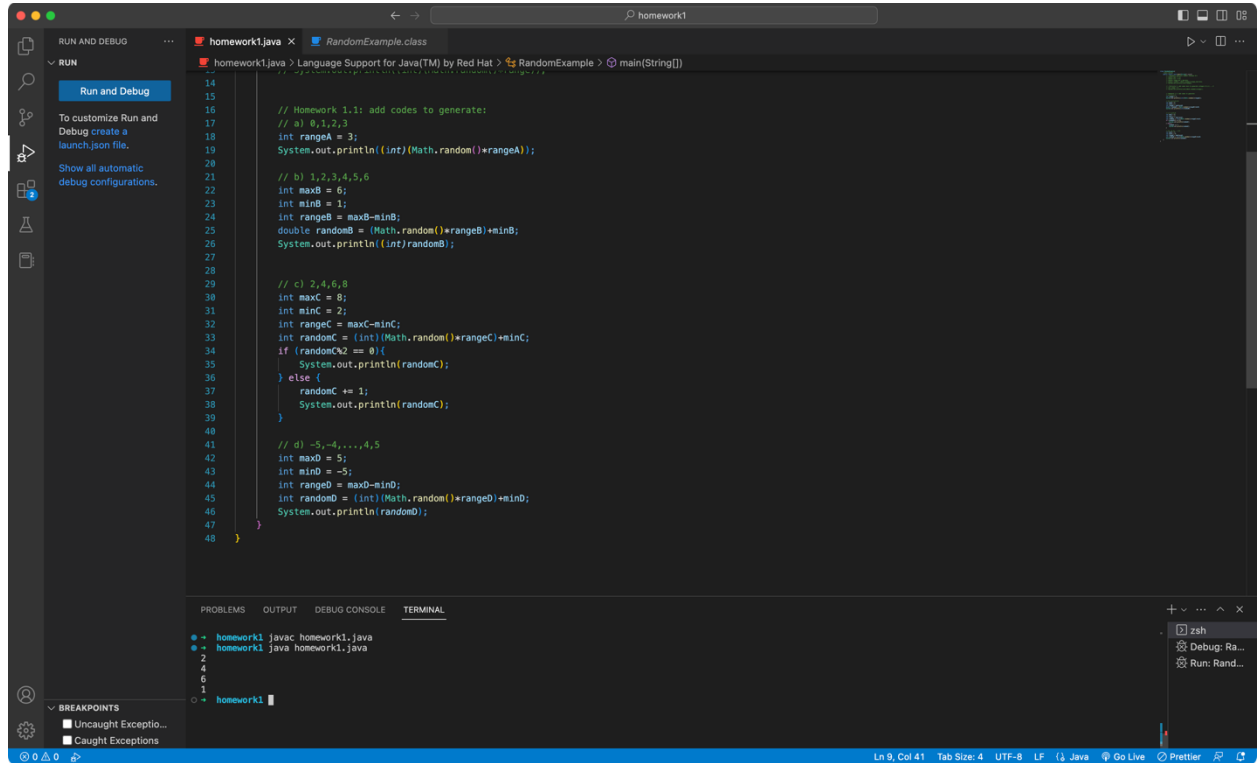Name : Radhyanas Oetomo
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Algorithm and Data Structure Lab
Homework 1

Homework 1.1

Homework 1.2


```
class multiplicationTable {
    Run | Debug
    public static void main(String[] args){
        for(int i = 1; i <= 9; ++i){
            for(int j = 1; j <= 9; j++){
                System.out.printf(format: "%d * %d = %d \t", i, j, j*i);
            }
            System.out.printf(format: "\n");
        }
    }
}
```

```
→ homework1 javac homework2.java
→ homework1 java multiplicationTable
1 * 1 = 1      1 * 2 = 2      1 * 3 = 3      1 * 4 = 4      1 * 5 = 5      1 * 6 = 6      1 * 7 = 7      1 * 8 = 8      1 * 9 = 9
2 * 1 = 2      2 * 2 = 4      2 * 3 = 6      2 * 4 = 8      2 * 5 = 10     2 * 6 = 12     2 * 7 = 14     2 * 8 = 16     2 * 9 = 18
3 * 1 = 3      3 * 2 = 6      3 * 3 = 9      3 * 4 = 12     3 * 5 = 15     3 * 6 = 18     3 * 7 = 21     3 * 8 = 24     3 * 9 = 27
4 * 1 = 4      4 * 2 = 8      4 * 3 = 12     4 * 4 = 16     4 * 5 = 20     4 * 6 = 24     4 * 7 = 28     4 * 8 = 32     4 * 9 = 36
5 * 1 = 5      5 * 2 = 10     5 * 3 = 15     5 * 4 = 20     5 * 5 = 25     5 * 6 = 30     5 * 7 = 35     5 * 8 = 40     5 * 9 = 45
6 * 1 = 6      6 * 2 = 12     6 * 3 = 18     6 * 4 = 24     6 * 5 = 30     6 * 6 = 36     6 * 7 = 42     6 * 8 = 48     6 * 9 = 54
7 * 1 = 7      7 * 2 = 14     7 * 3 = 21     7 * 4 = 28     7 * 5 = 35     7 * 6 = 42     7 * 7 = 49     7 * 8 = 56     7 * 9 = 63
8 * 1 = 8      8 * 2 = 16     8 * 3 = 24     8 * 4 = 32     8 * 5 = 40     8 * 6 = 48     8 * 7 = 56     8 * 8 = 64     8 * 9 = 72
9 * 1 = 9      9 * 2 = 18     9 * 3 = 27     9 * 4 = 36     9 * 5 = 45     9 * 6 = 54     9 * 7 = 63     9 * 8 = 72     9 * 9 = 81
→ homework1
```