



# Introduction to Programming with Java

Class: **MultiplicationTable.java**

Score: ★ (Simple)

## Description:

Implement a program that prints  $N \times N$  multiplication table. Note that  $N$  (tableSize) is taken from user. Your program should store multiplication table in 2 dimensional array.

## Sample Run:

Enter the size of multiplication matrix: 9

|   |   |    |    |    |    |    |    |    |
|---|---|----|----|----|----|----|----|----|
| 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 0 | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |
| 0 | 2 | 4  | 6  | 8  | 10 | 12 | 14 | 16 |
| 0 | 3 | 6  | 9  | 12 | 15 | 18 | 21 | 24 |
| 0 | 4 | 8  | 12 | 16 | 20 | 24 | 28 | 32 |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 |
| 0 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 |
| 0 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 |

Columns should look aligned as in the result above