

COMSATS UNIVERSITY ISLAMABAD, ABBOTTABAD CAMPUS

DATA STRUCTURES AND ALGORITHMS

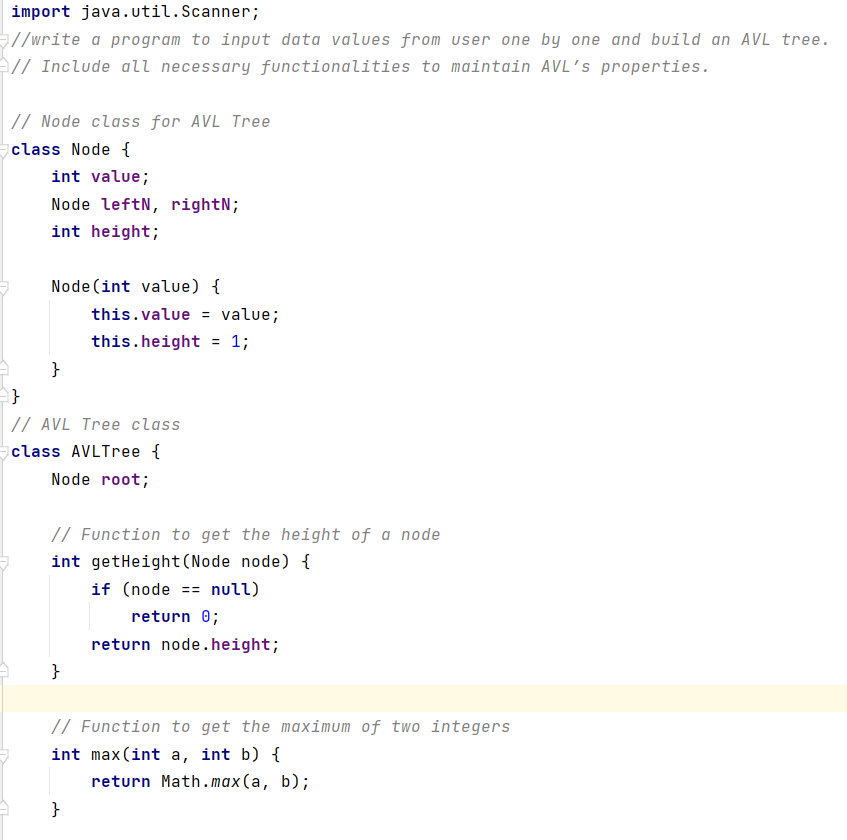
Submitted By: FA21-BSE-019-4A Laiba binta tahir.

ASSINGEMENT # 04

Submitted To : Man Sana Malik

Date: 4 July-2023

**Q: write a program to input data values from user one by one and build an AVL tree. Include all necessary functionalities to maintain AVL’s properties.**



A screenshot of a computer program

Description automatically generated with medium confidence

**Balance Factor of nodes and Insertion**

A screenshot of a computer code

Description automatically generated with medium confidence

A screenshot of a computer code

Description automatically generated with medium confidence

**Main Method**

A screenshot of a computer program

Description automatically generated with medium confidence

**Output**

