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| **Name: Student Name**  **Reg No: L1F21BSCS0000**  **Teacher Name: Sir Buzdar** |  | **Total Marks: 05 Due Date: 21/04/2024**  **AI Lab F11- (Wednesday)** |

***Problem No.1***

Explain the Iterative Deepening A\* algorithm (IDA\*), draw his graph and write 02 codes of Iterative Deepening A\* algorithm (IDA\*) in Jupyter Notebook and past the screen shots of these codes.

**Note: Students must mention their names in these codes as a comment at the top of code.**

***Solution:***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* The End \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***