**NAME:- MUBASHIR**

**ROLL NO:- SU92-BAIFM-F24-001**

Lab 3: WATER JUG PROBLEM WITH DFS

HOW:-

This code uses the data structure Stack **Last In First Out .**

**Steps are described below**

* Fill jug 1 to full capacity.
* Fill jug 2 to full capacity.
* Empty jug 1.
* Empty jug 2.
* Pour water from jug 1 to jug 2 until jug 2 is full or jug 1 is empty.
* Pour water from jug 2 to jug 1 until jug 1 is full or jug 2 is empty.

Screenshot:-

