Time Table Scheduling

For Msc 1ˢᵗ year and Mca 1ˢᵗ year

Input:

For Msc-1.Teacher name from mscteacher.txt file

2. Lab Teacher name from msclabteacher.txt file

For Mca-1.Teacher name from mcateacher.txt file

2. Lab Teacher name from mcalabteacher.txt file

Data structure used:

2D CHARACTER ARRAY

CONSTRAINTS:-

1.Max 40 classes in a week**.** However,some slot can remains free for Msc but for Mca all 40 slots are occupied(by placing lab at free slot(if any)).

2.5theroy and 5 lab teacher for Msc and Mca.However,2 theory and 2 lab teachers are common in Msc and Mca.

3.Every Teacher is available from 9-5.

4. Each Teacher takes 3 theory classes in a week and no 2 theory of same Teacher lies on same day for Msc/Mca.

5. In Msc for every subject 4 lab classes were scheduled and lab class of 1 subject is of exactly 2 hour.But in Mca Lab can be of 1 and 2 hour both.

Output:

Time table of Msc and Mca in seprate excel files.