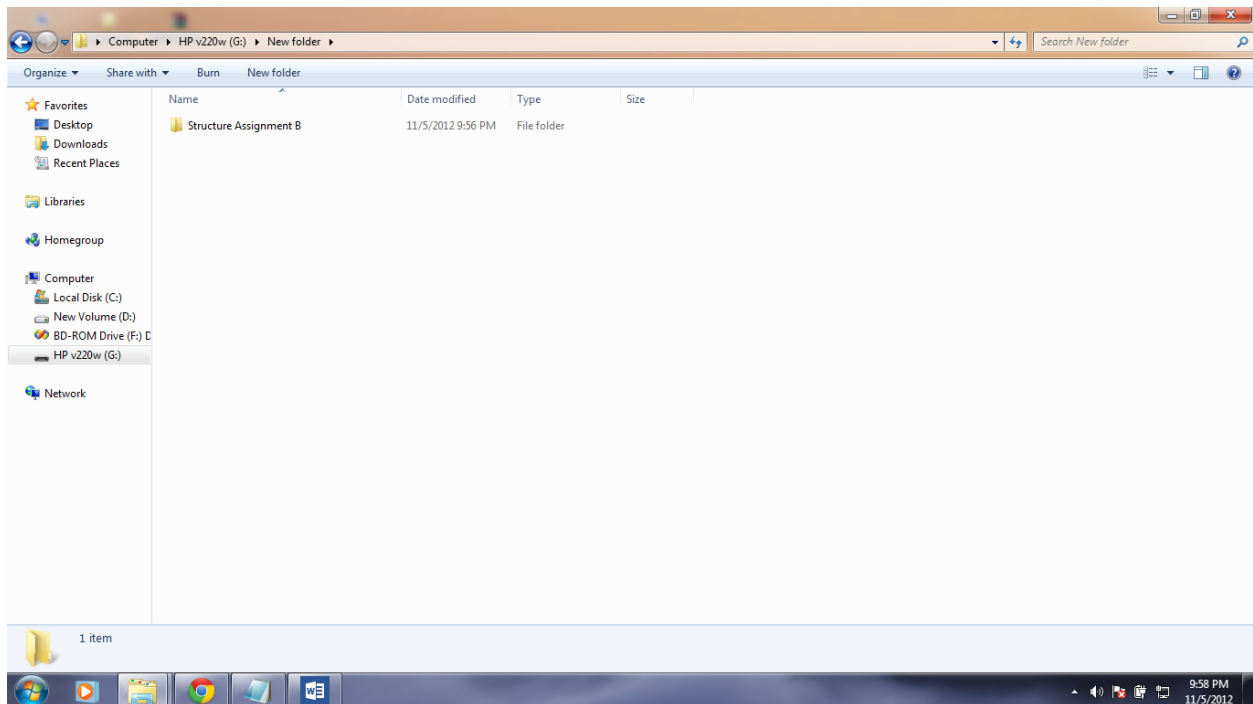
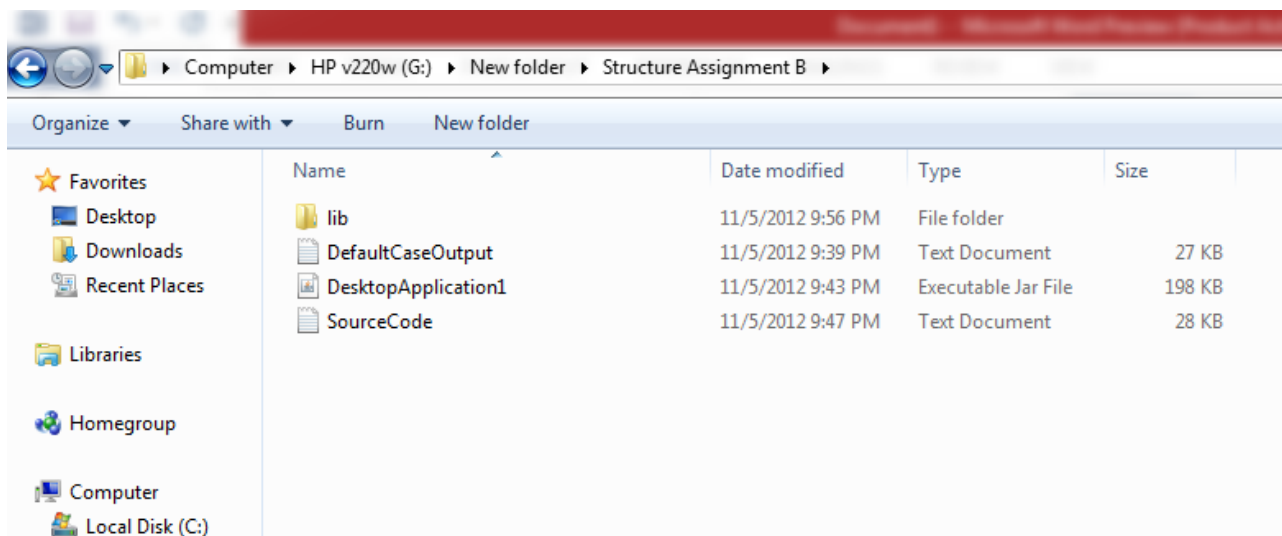


# GENERAL INSTRUCTIONS

- Open the Structure Assignment B folder

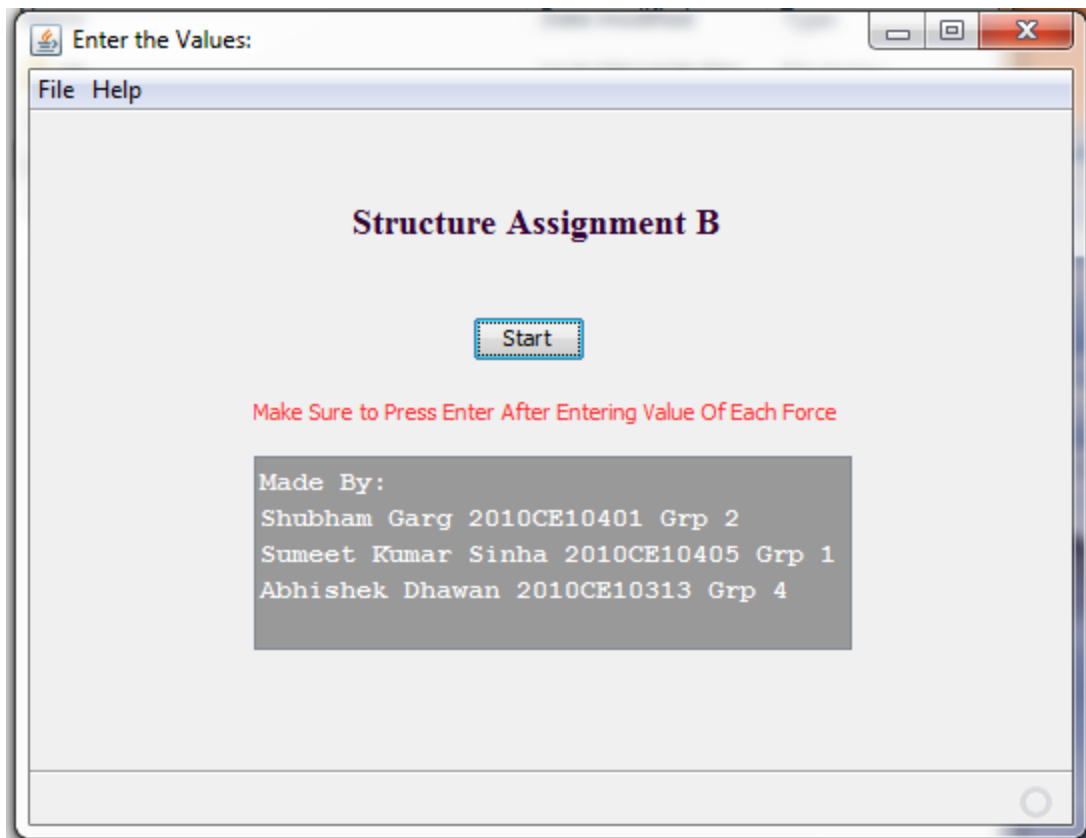


- The Screen will Look Like the shown below



- The “DefaultCaseOutput” contains the Result for the default entry.
- The “SourceCode” contains the source code Algorithm of the Assignment

Double click on “DesktopApplication1.jar” file



- The Given Assignment is “Structure Assignment B”
- Click on the Start Button to Start the Application and enter the Input Values

- Enter The values on the Given Text Fields and the Press the “Next” Button

**Enter the Values:**

No. of Bays(m)  Bay Length(L)  m

No. of Storeys(n)  Storey Height(H)  m

For Beams For Columns

Young's Modulus(E)  KPa Young's Modulus(E)  KPa

Moment of Inertia(I)  m<sup>4</sup> Moment of Inertia(I)  m<sup>4</sup>

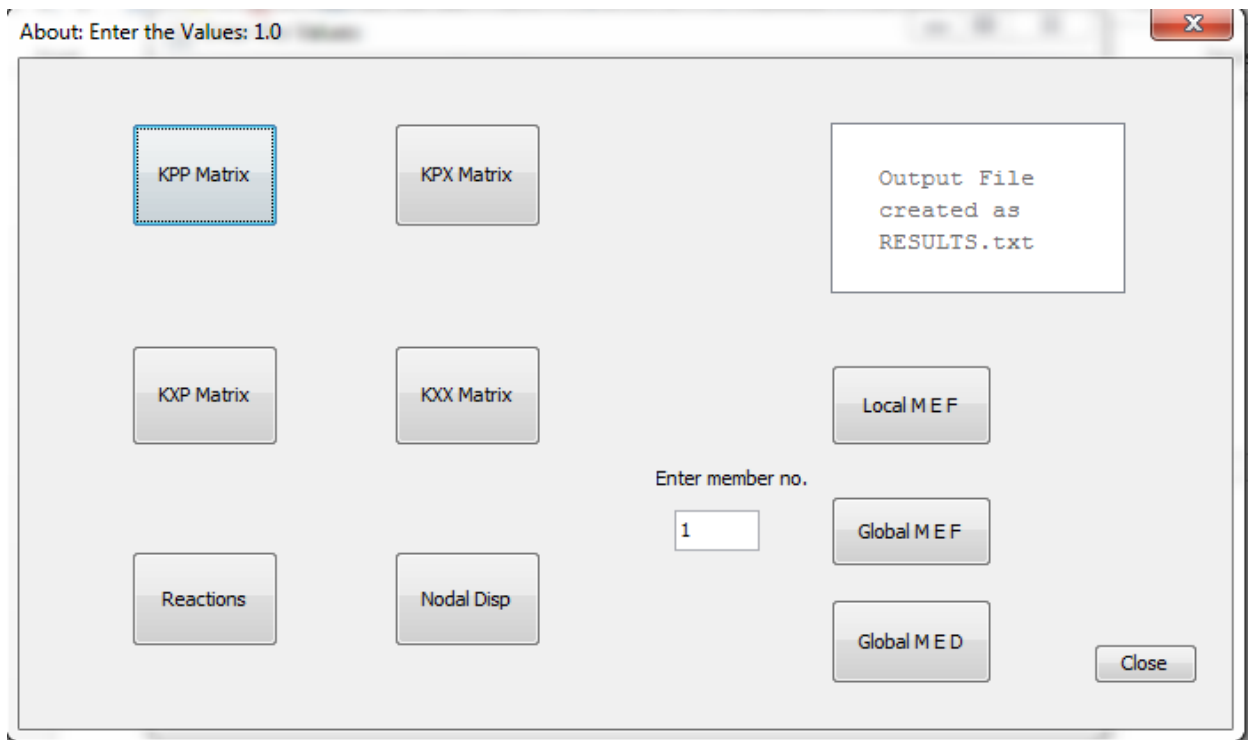
Area(A)  m<sup>2</sup> Area(A)  m<sup>2</sup>

- Then You get the Following Window for entering the “ Forces”

Force	Magnitude (kN)
Force 1	1
Force 2	1
Force 3	1

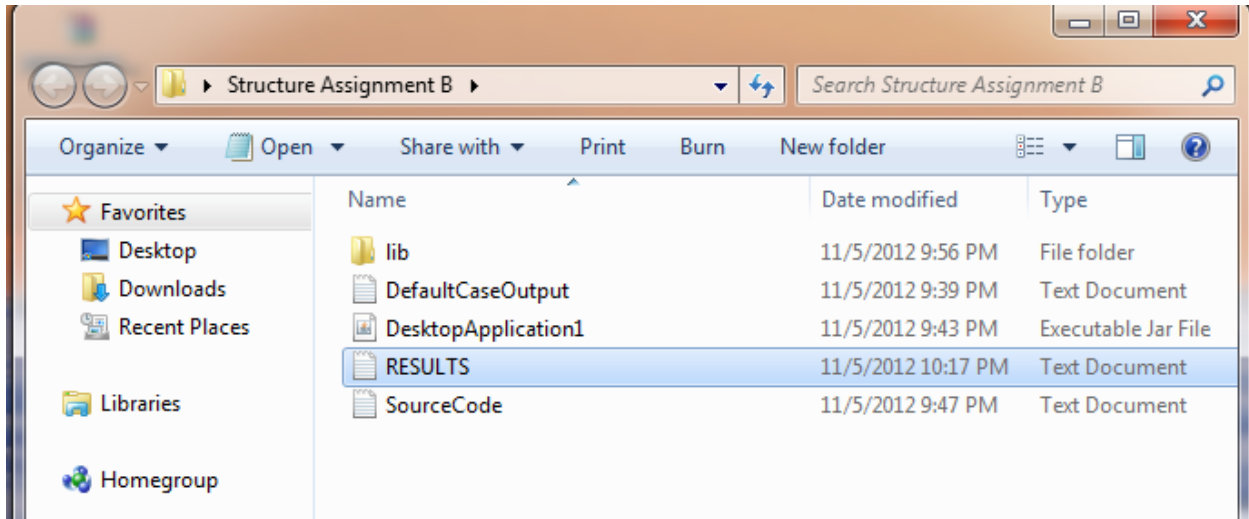
## Important Checks while entering the Forces

- First Double click on the Front of the “Force Table Text Box”
- Enter the Force value
- Then Press “ENTER”(Always Enter the ENTER Key)
- After Entering all forces Click on “Submit” Button

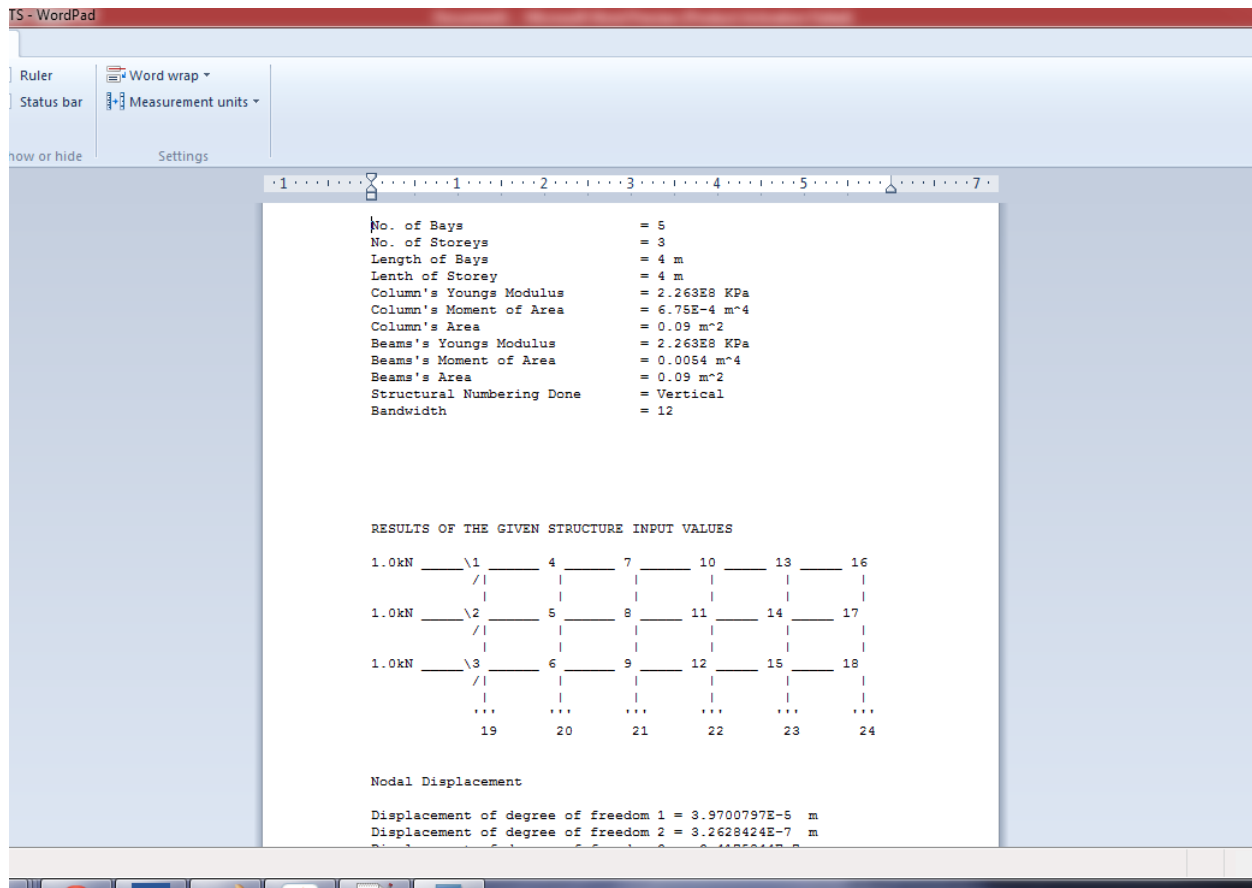


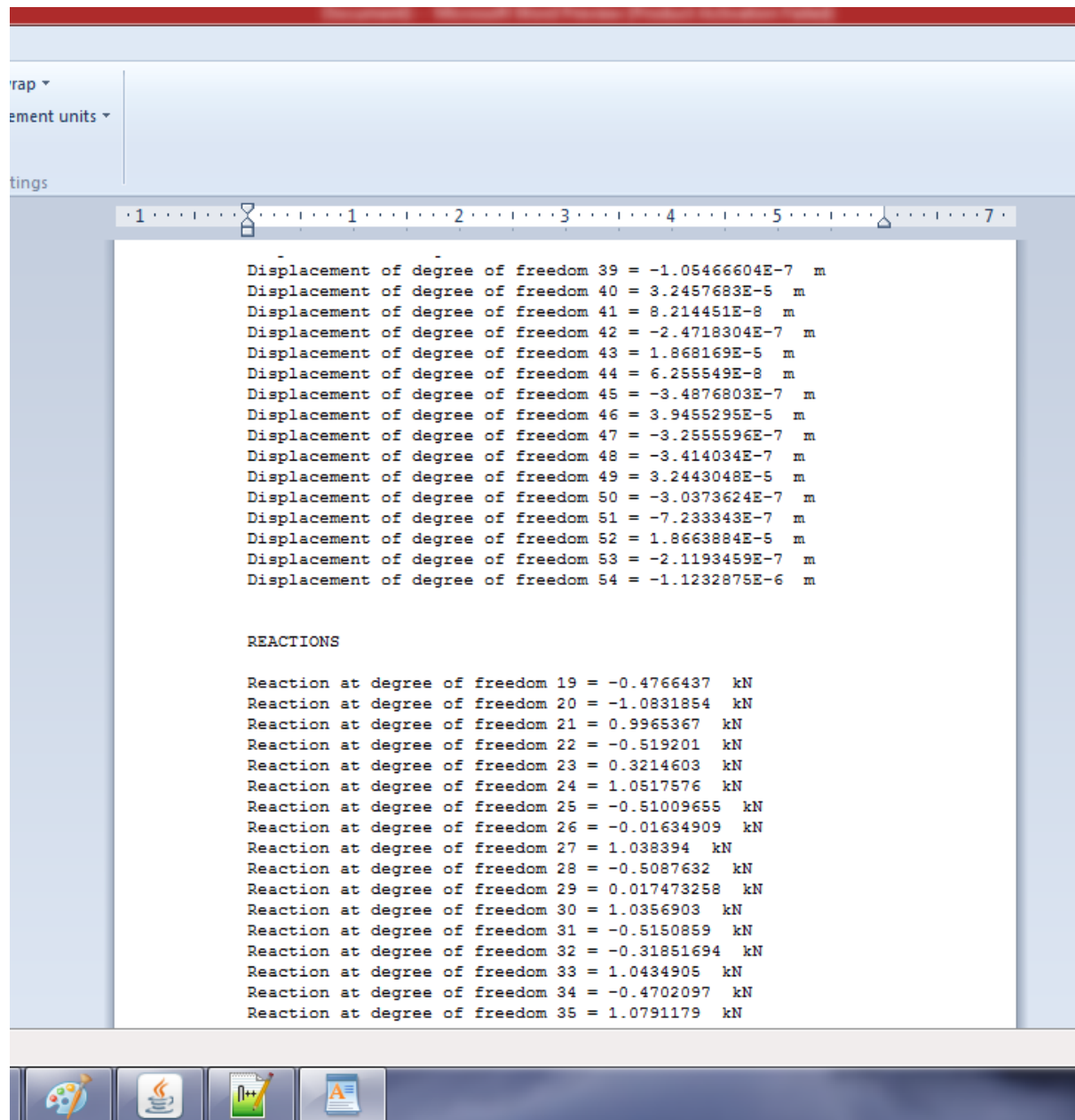
- The results are printed in the “**RESULTS.txt**” in the same folder.
- Click on the various “Buttons” to get the required field values.
- Enter the Member no. and get the corresponding
  - Local M E F → Local Member End Forces
  - Global M E F → Global Member End Forces
  - Global M E D → Global Member End Displacements
- Then, Click on the “Close” Button

- Open the RESULTS.txt file by Clicking on the file.



Sample File Capture when “RESULTS.txt” opened in **Notepad++** or **Wordpad**





## To Start Again

- Close all the windows
- And Again Click on the “DesktopApplication1.jar” exe file
- And repeat the procedure again.

-----Thank You -----