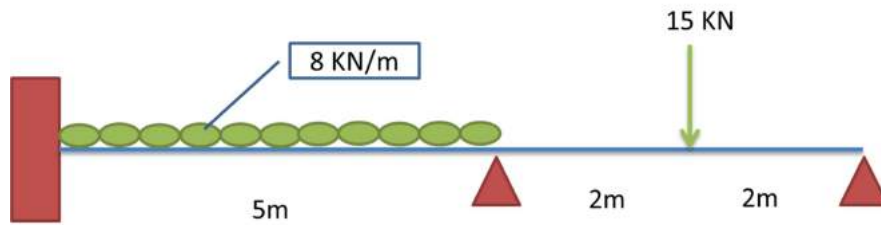
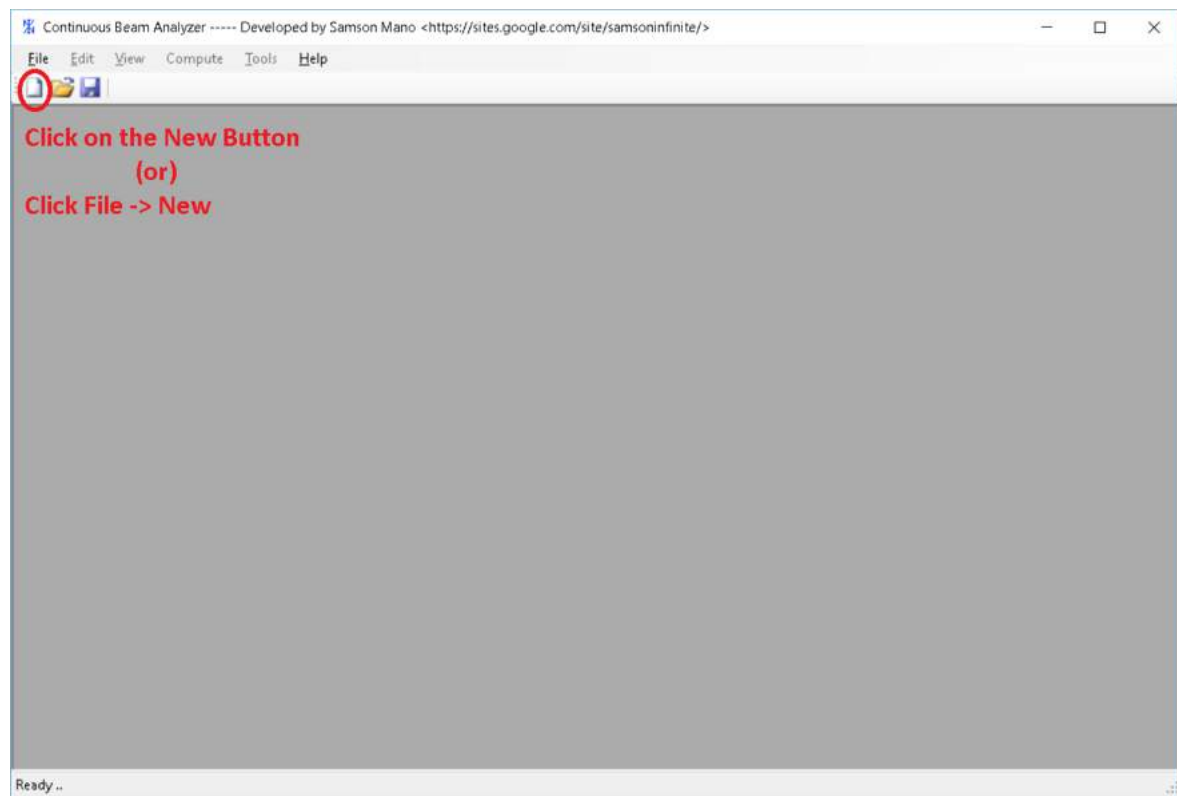


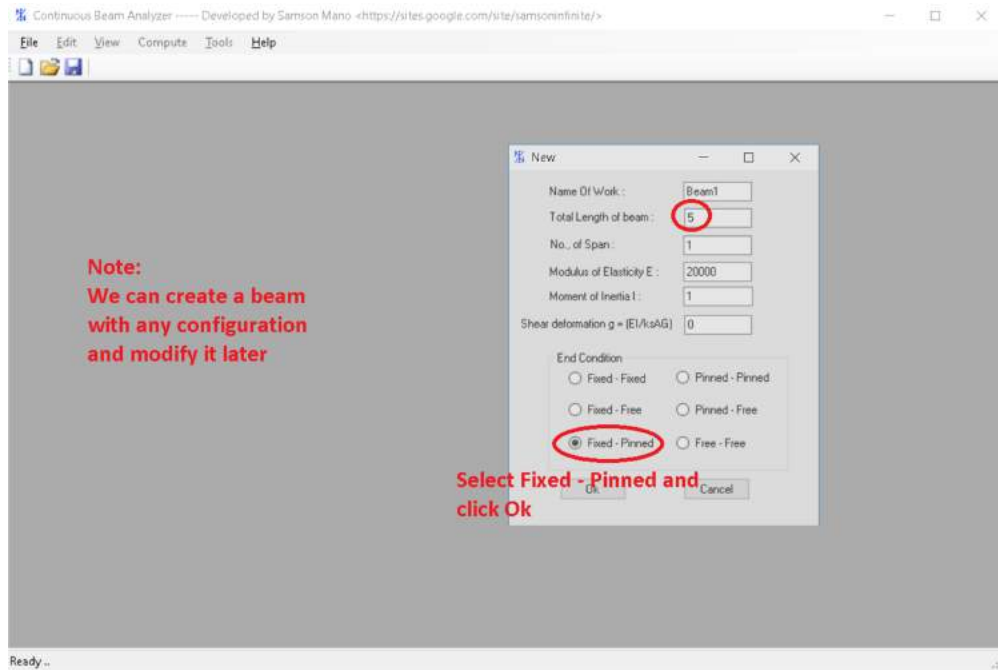
## Beam Analyzer Tutorial

Problem: 1 Let's solve the following problem with this application



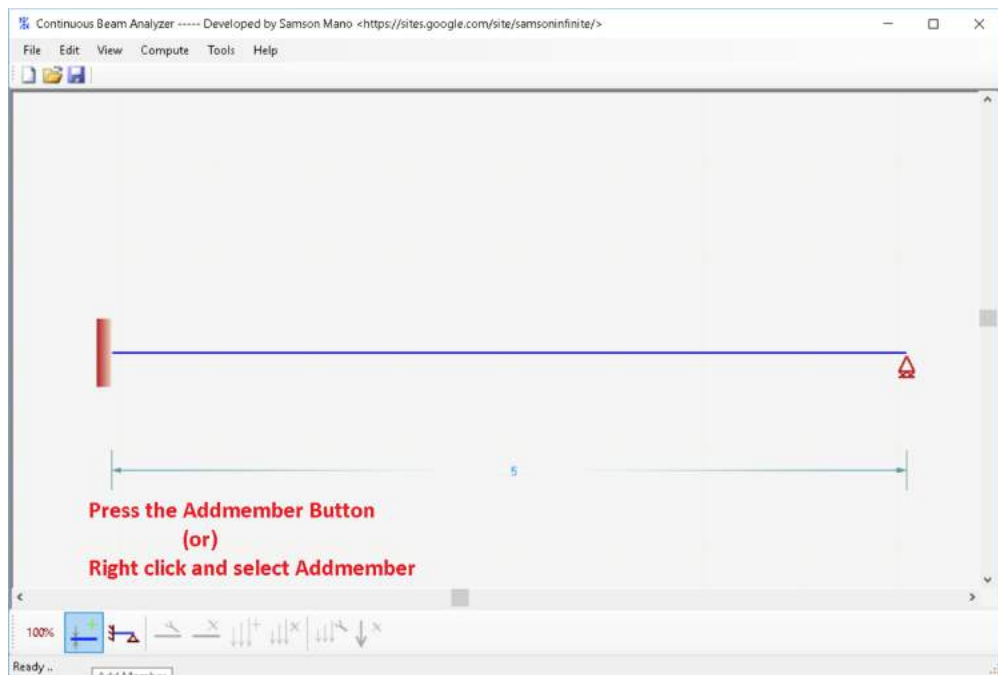
Step: 1 Open the application



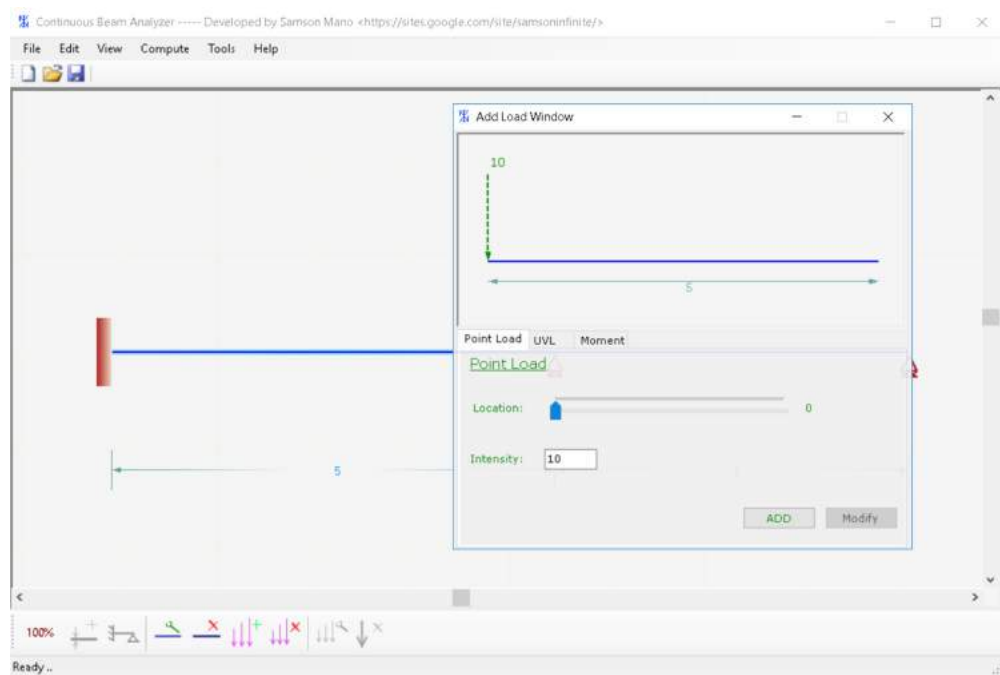
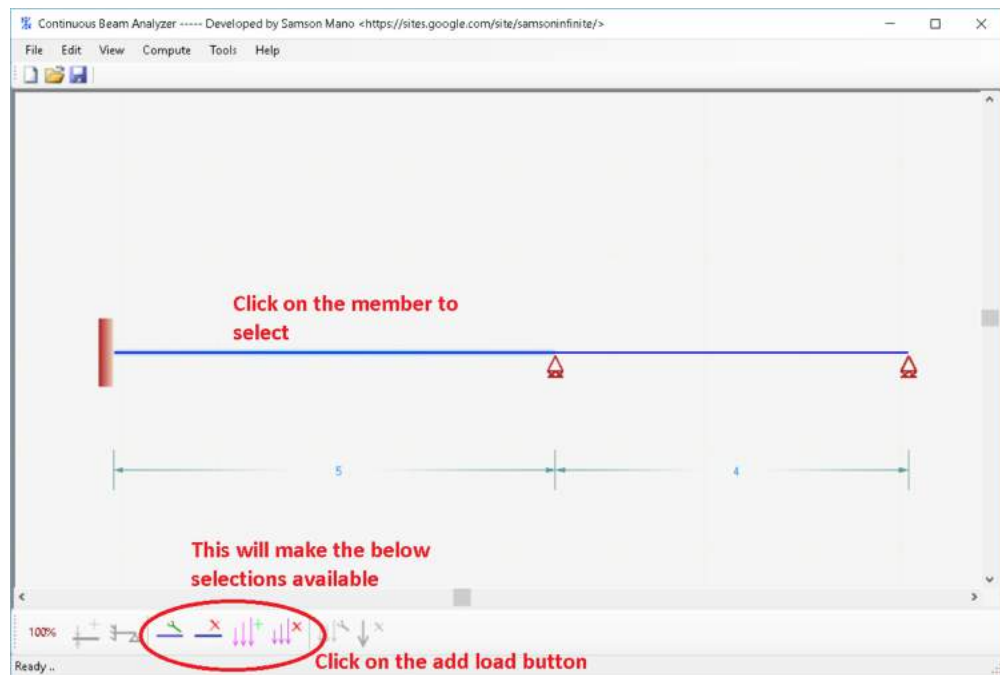


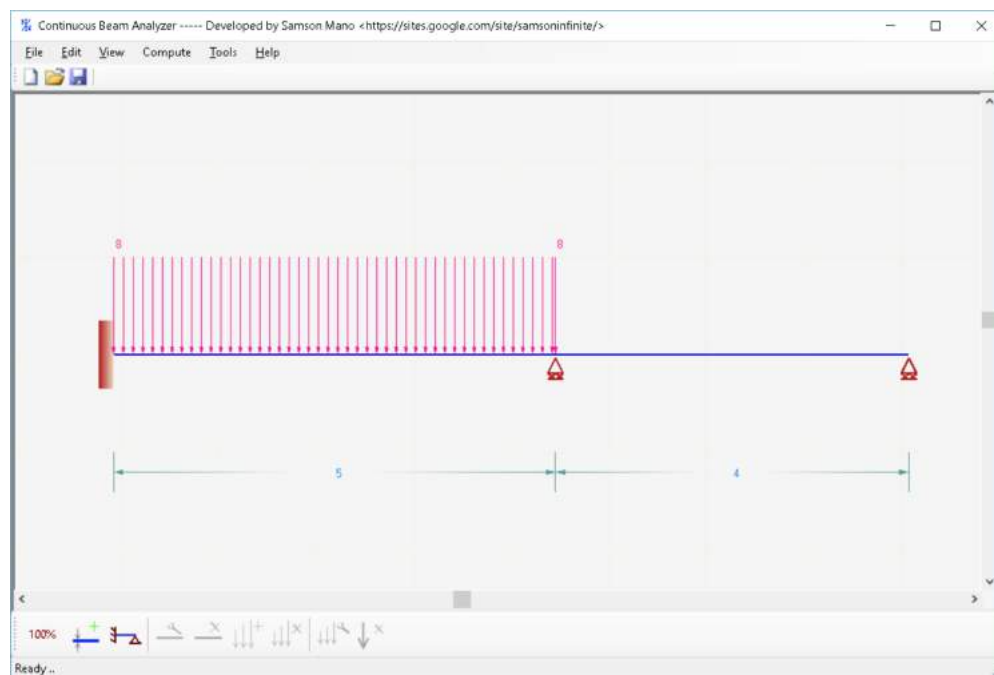
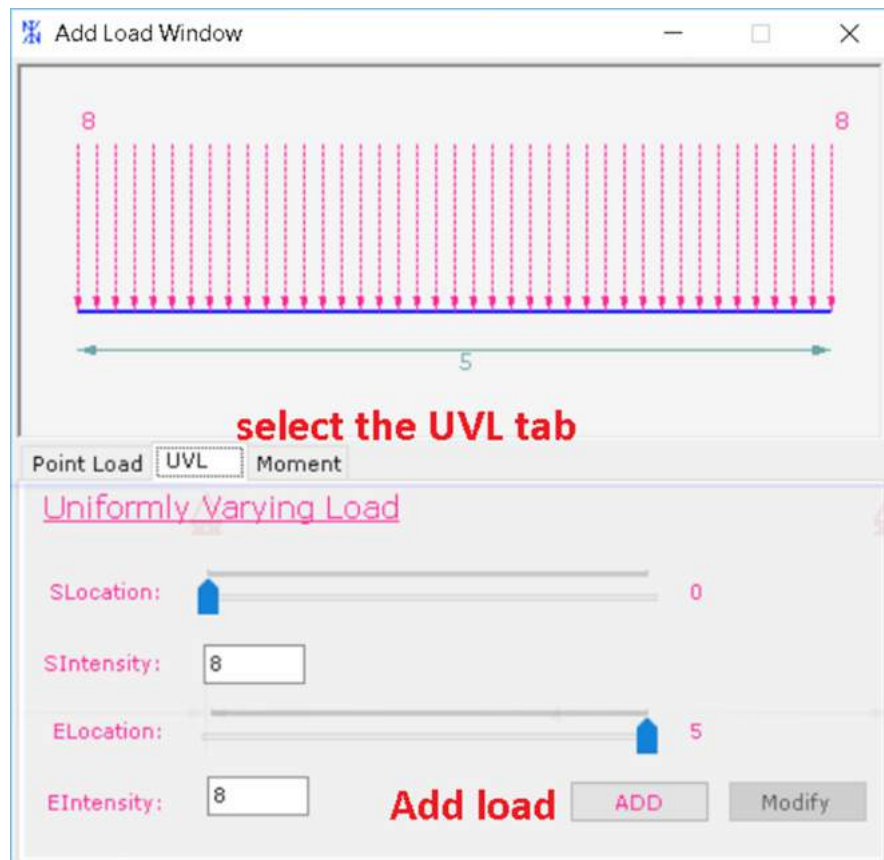
Note: We can create any configuration and modify it after the beam is created

Step: 2 Modify the beam to suit our configuration

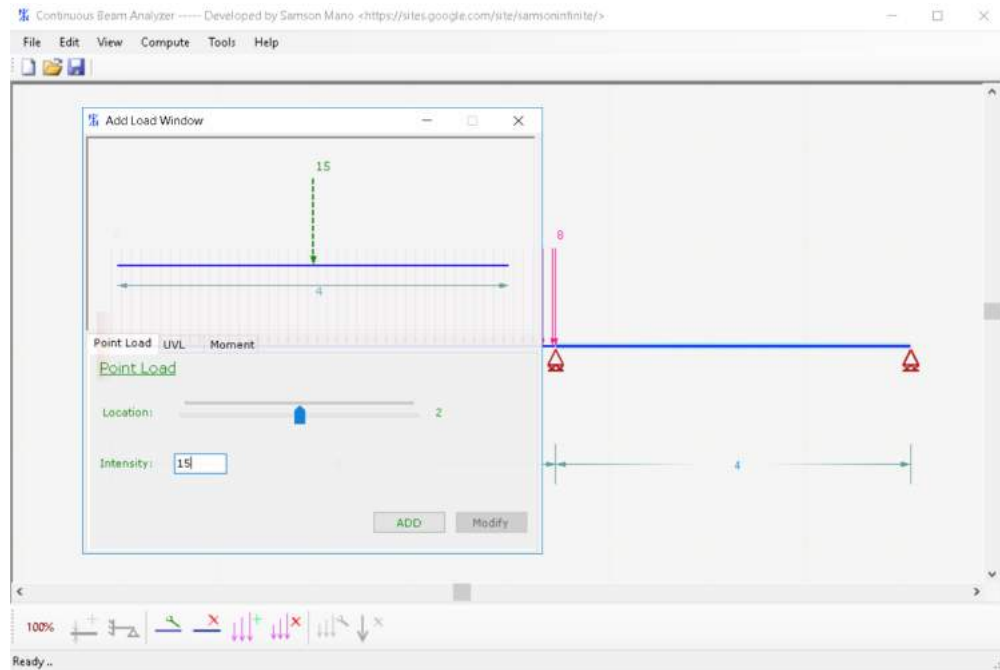




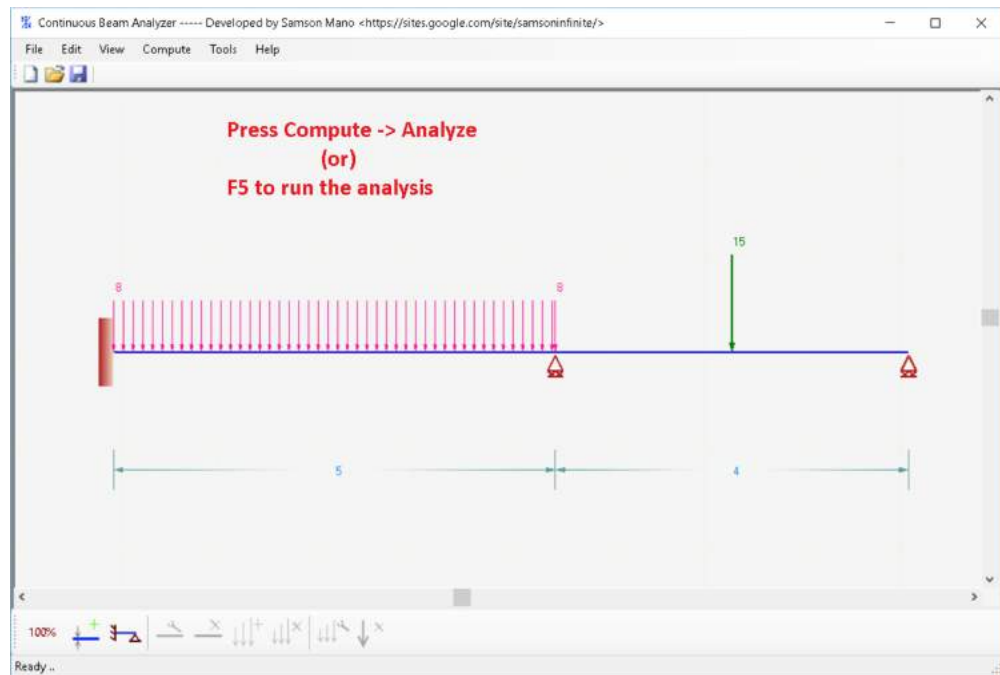




Similarly select the other member and add the 15 KN point load



Now all set

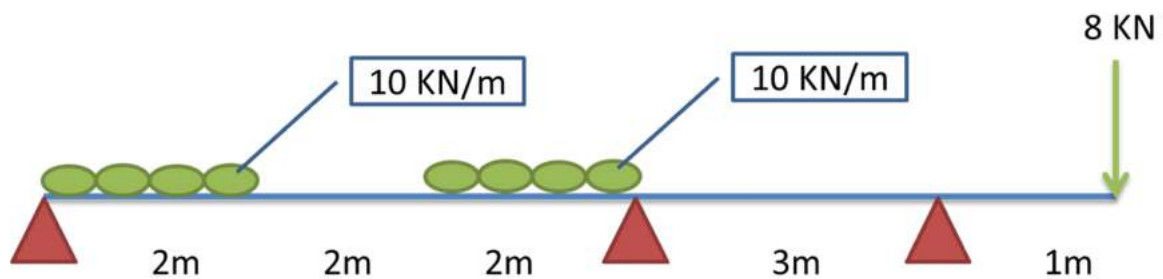




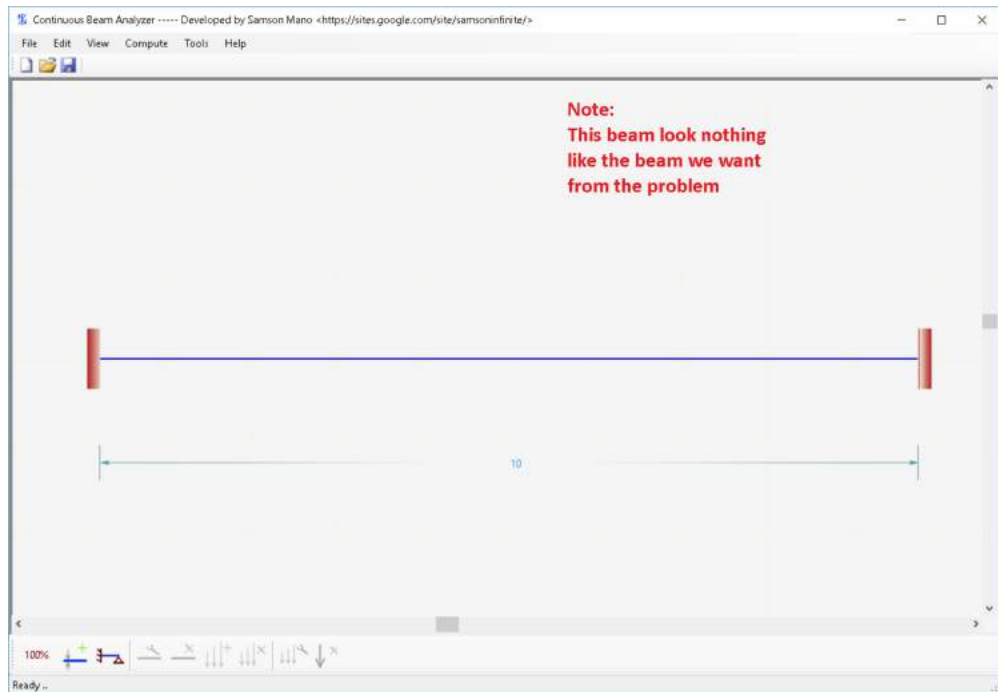
Important Feature !!! Drag Drop

Note that there is an important hidden feature built in to this application which is Drag and Drop the element

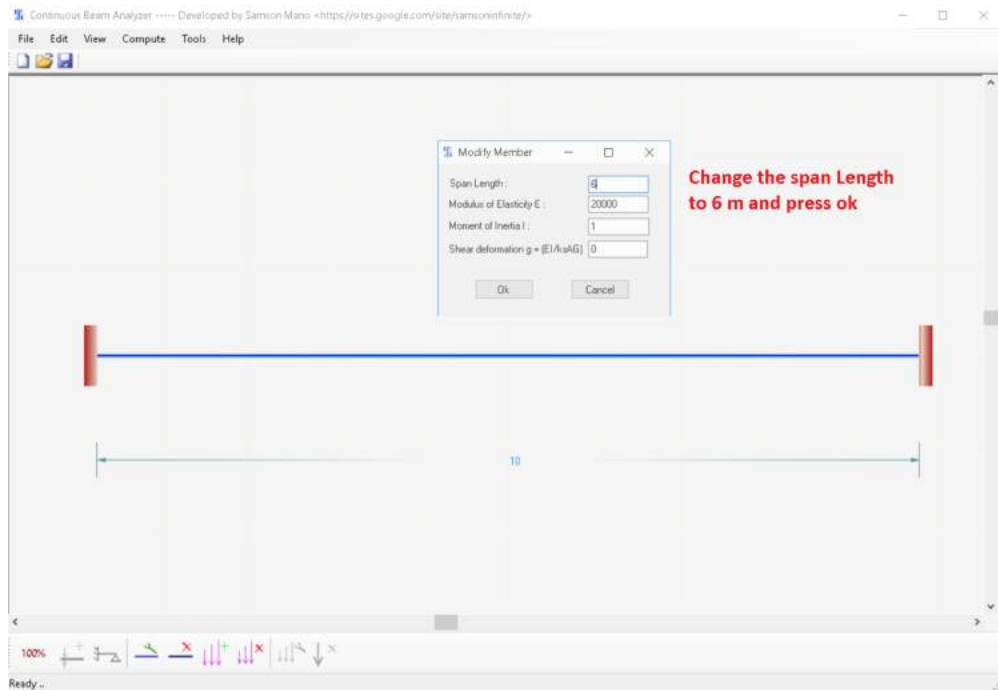
I will demonstrate this with the following example



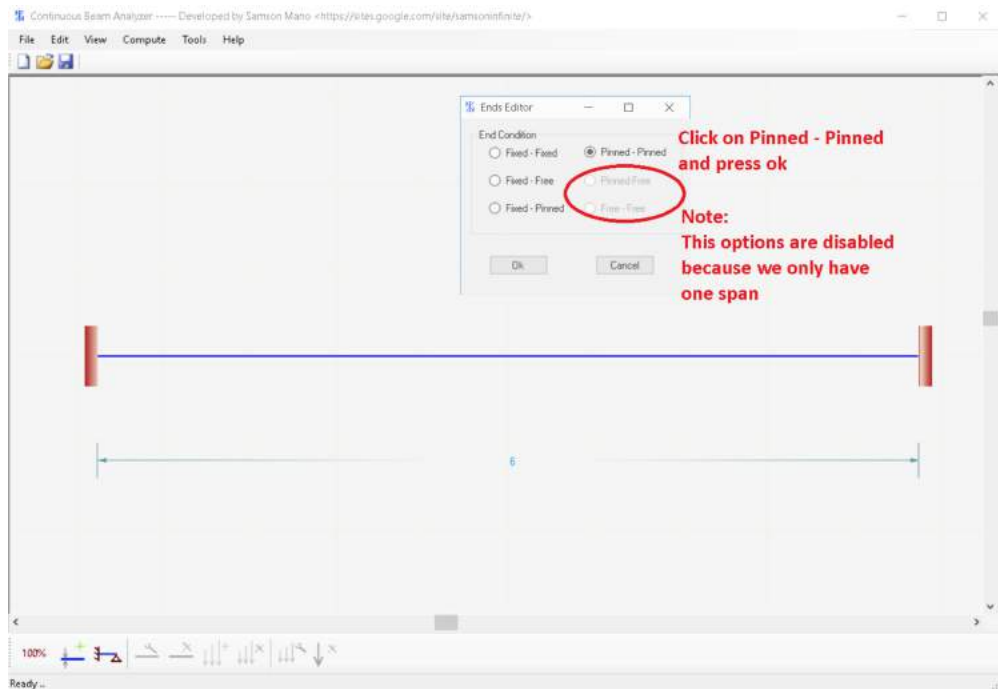
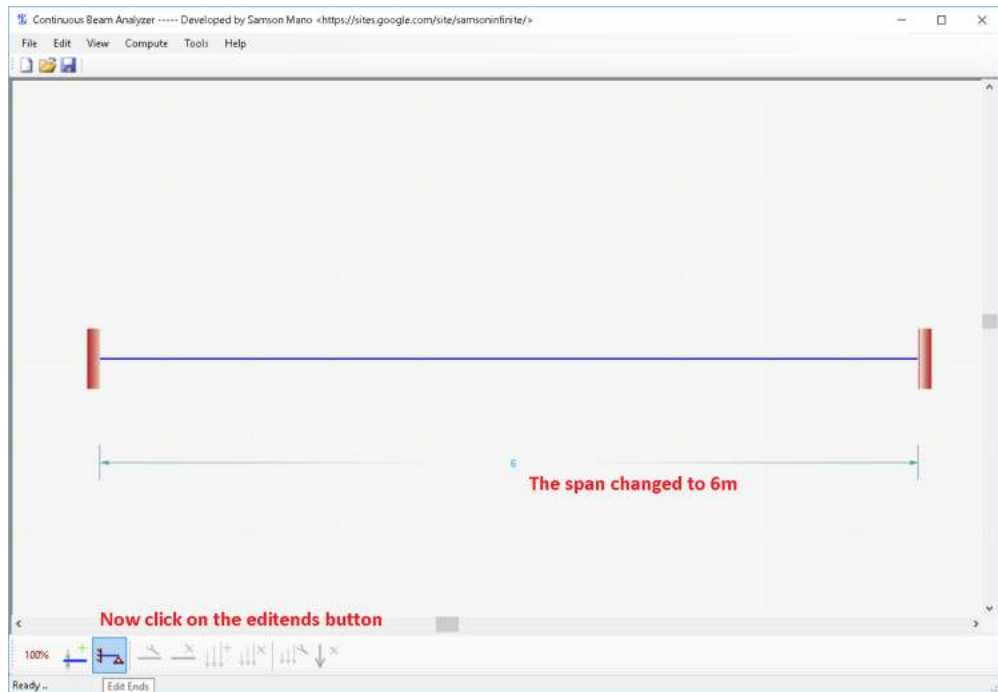
Step: 1 Create a new beam (just any beam) Click File -> New and press ok

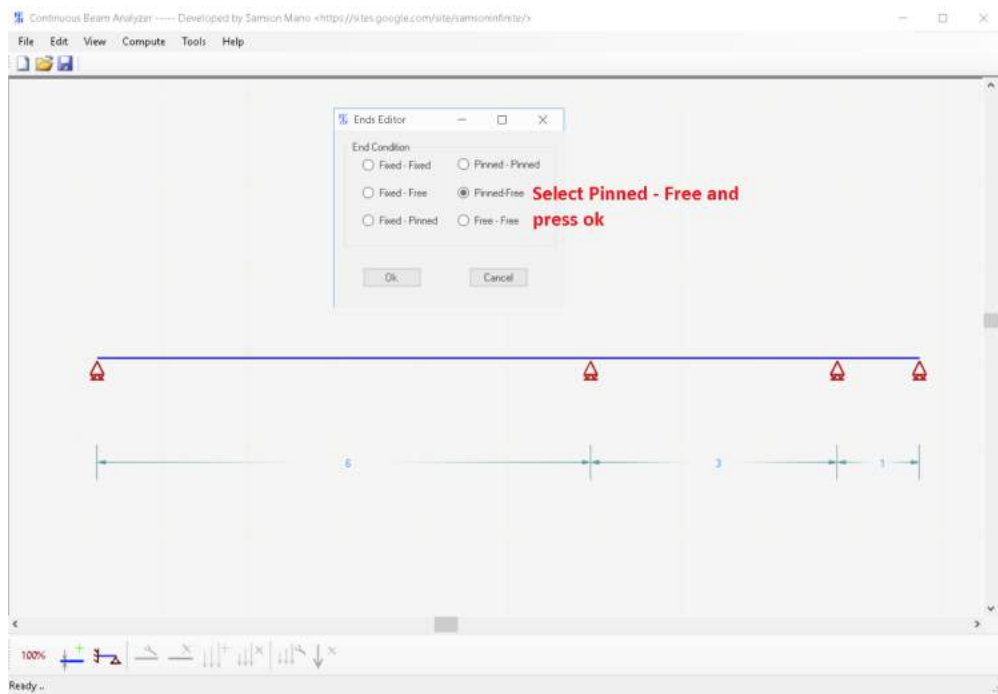
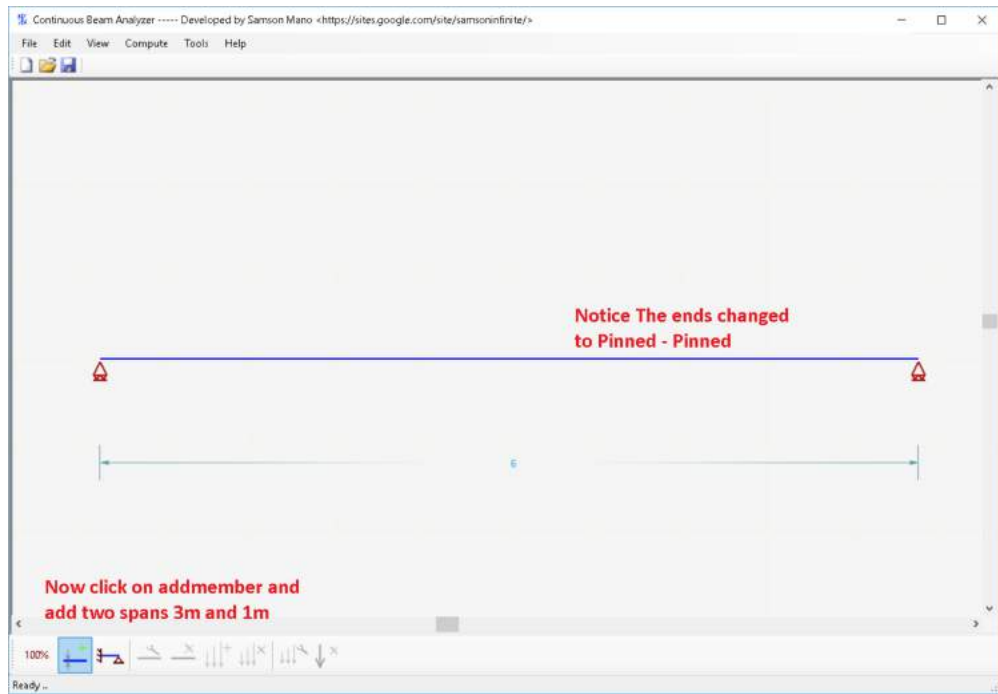


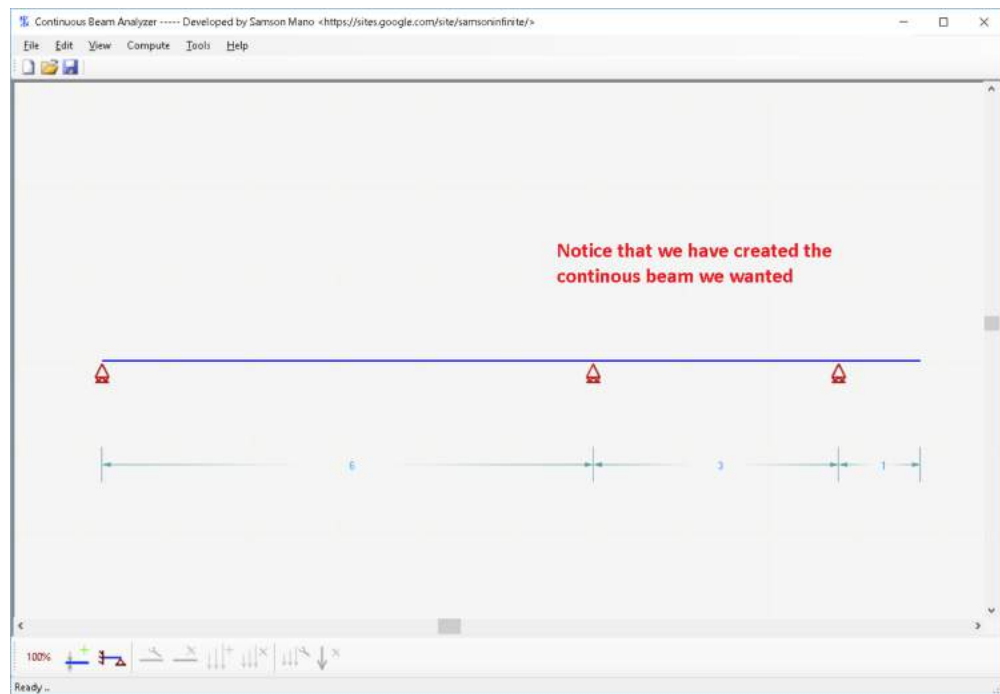
Step: 2 Modify the beam to resemble our problem



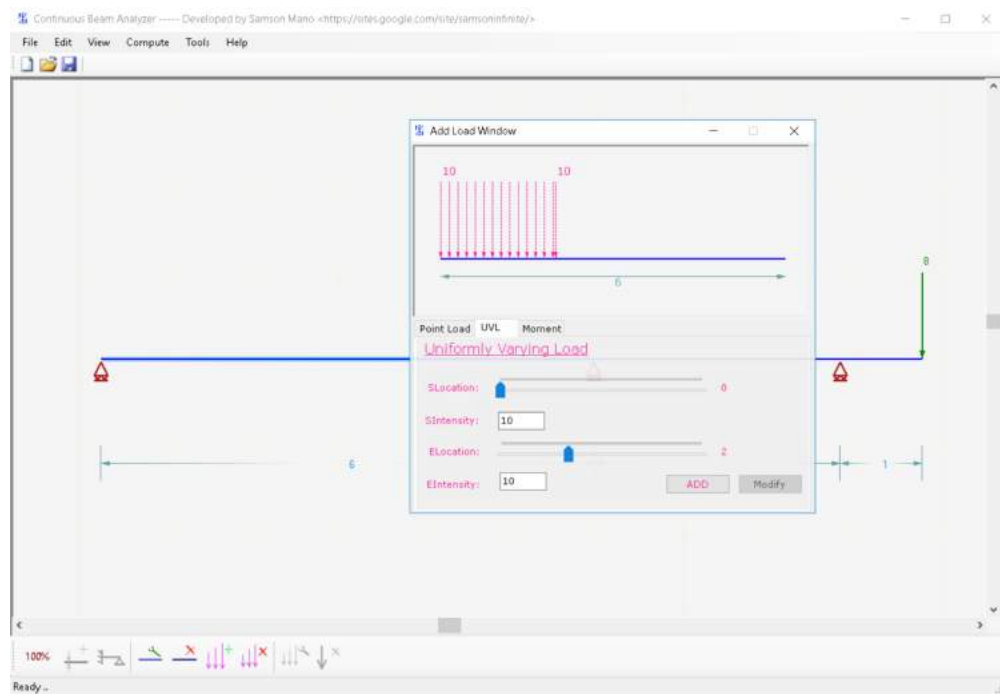


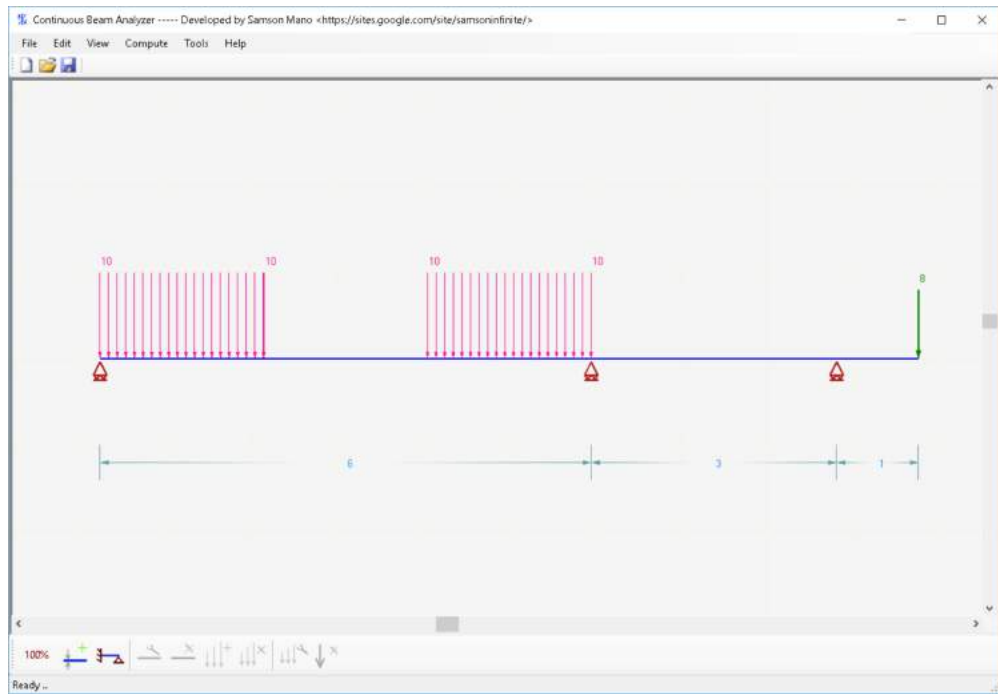






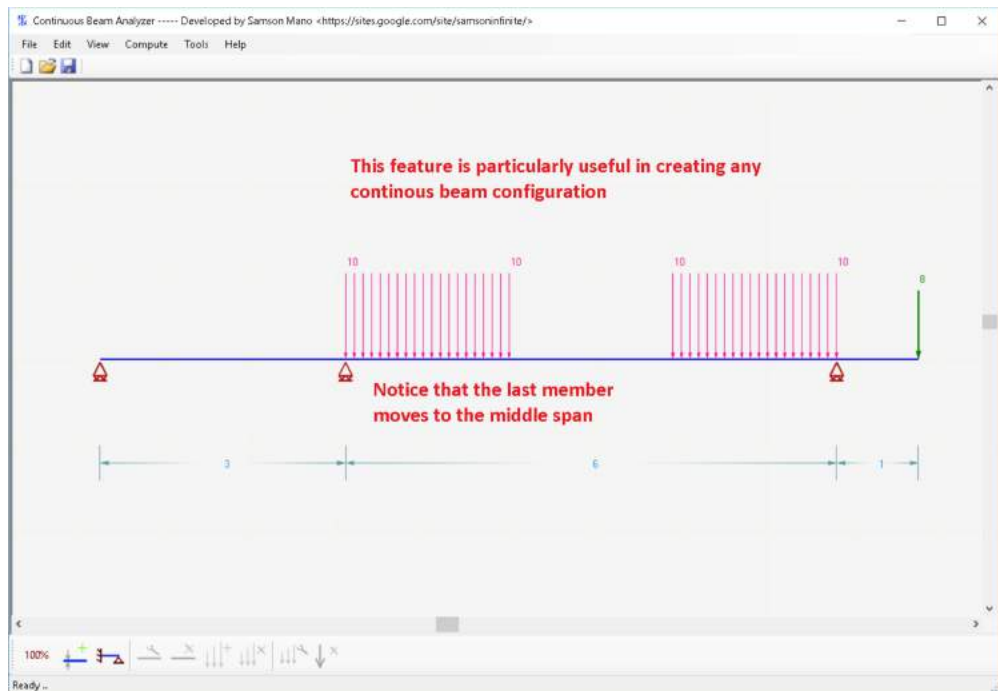
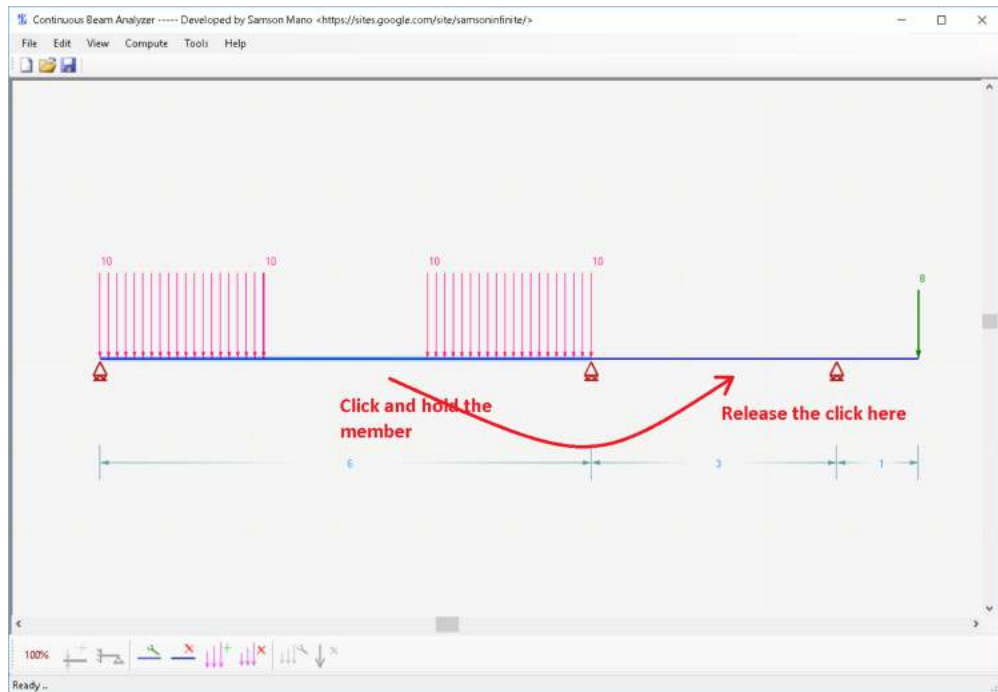
### Step: 3 Add load





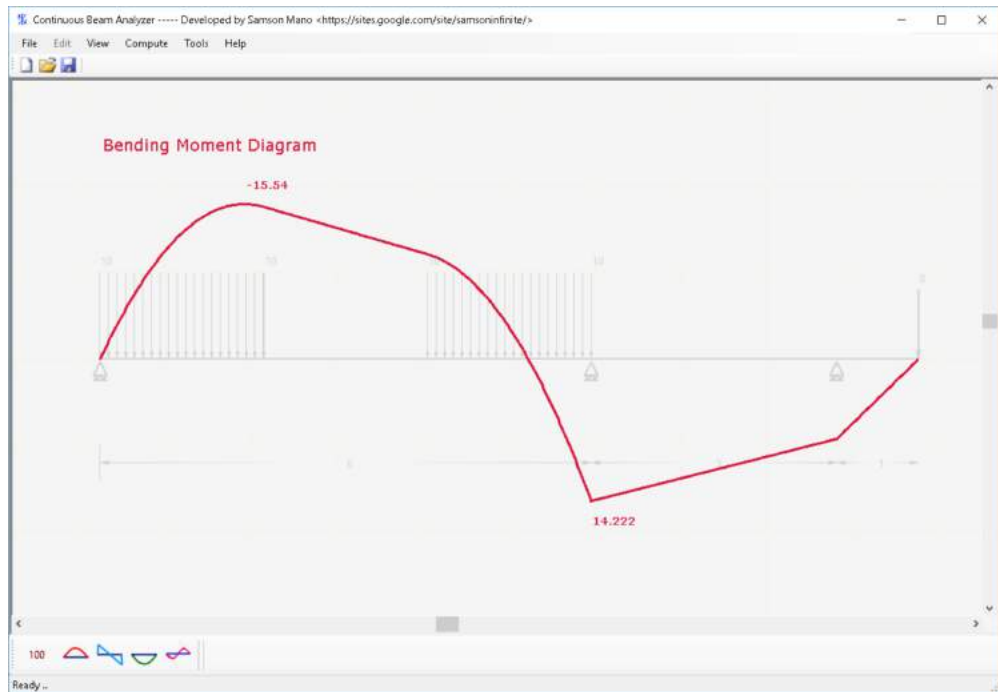
Step: 4 The auxiliary step to Drag and Drop element

We have made the beam as per the problem but we can also change the configuration by click the member and drag drop to the other span



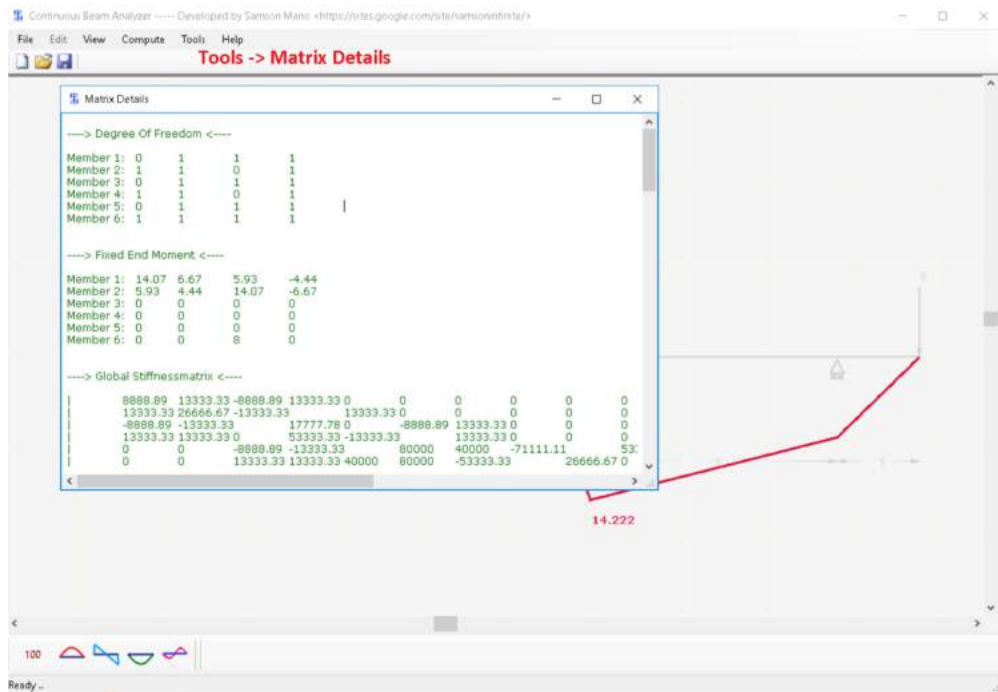
Now click and drag back it to original location

Step: 5 Analyze the beam



Step: 6 Check the matrices

Click Tools -> Matrix Details to view the matrices formed to complete this analysis



Conclusion:

This software is free & I've created this as a fun project back in the year 2008. I used VB.Net express edition to create this application.

Feel free to send me a mail [saminnx@gmail.com](mailto:saminnx@gmail.com) if you found any bug or improvement ideas or any custom software solution requirement.

Visit my website: <https://sites.google.com/site/samsoninfinite/>

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S Mano