

Aum Amriteswaryai Namah

19CSE205 – Program Reasoning – Assignment – 6

If you have not gone through Week 7 Frama-c, first watch them before proceeding with this assignment.

1. Try all the programs discussed in Frama-c (Week 7.*). You can find them in ppt. Ensure you understand each, while trying them out. Don't do this activity mechanically. It is of no use.
2. Quickly skim through the contents of Chapter 3 of the first textbook given in course page. There is a description of how **frama-c-gui** can be used. Try that.

Allan Blanchard, "[Introduction to C program proof with Frama-C and its WP plugin](#)", 2020

3. Do all the exercises given at the end of 3.1, 3.2, 3.3 and 3.4. Ensure you do on your own by applying thinking. Don't do the exercises mechanically or copy answers from others.

- | | | |
|------|-------------------------|-----------------------|
| i) | 3.1.3. Exercises | Page-No: 33-35 |
| ii) | 3.2.5. Exercises | Page-No: 46-49 |
| iii) | 3.3.1. Exercises | Page-No: 51-54 |
| iv) | 3.4.1. Exercises | Page-No: 56-60 |
