

CSL 740: Software Engineering
IIT Jammu, SPRING Semester, 2019-20
Lab Assignment No 2: Static Analysis using Splint

Date uploaded/emailed :5th January 2020

Instructions:

- I. The date of submission: 31st January 2020. This is a hard deadline.*
*II. **Maximum Points 200. Equally distributed.***

1. Analyze the program code viz. *SplintMiniProject.c* uploaded. Run Splint on the program without -strict option. Enlist at least five of the errors flagged, in the format of a table as shown below: i.e. Sr No, ErrorName, Brief Explanation of the error. Now modify the code and try to correct each error. Try to resolve as many errors as possible. [Hint: You must get at least 48 code warnings]

SrNo	Error Name	Brief Explanation
...
...

2. Analyze the program code viz. *SplintMiniProject.c* uploaded. Now, run Splint on the program with -strict option. Enlist at least five of the errors flagged, in the format of a table as shown below: i.e. Sr No, ErrorName, Brief Explanation of the error. [Hint: You must get at least 425 code warnings]