

# **FIT3173 Software Security**

## **Week 7 Tutorial: Inferring Source Code Errors**

There are two goals for this week's tutorial:

- (1) Discuss the techniques for inferring source code errors from the paper "Bugs as Deviant Behaviour" in the recommended reading.
  - a. Try to work through the techniques manually on some sample code (e.g. the examples in the paper).
  - b. Run any static code analyzer, used in last week's tutorial, on sample code that has errors caught by some of the templates we provide in "inference.c". For instance, can the analyzer detect the null pointer consistency errors as illustrated in Sec. 3.1 of the paper?