

Advanced Security 2 – DT211-4, DT228-4 and DT282-4

Lab Sheet 2 – 5%

There are a lot of technical explanations on why most of software we rely on is insecure. This has led to efforts being devoted in writing and producing software with no or very few errors. However, it is also true that to write secure code/software requires a lot of effort. And when writing secure code/software is applied in software industry everything becomes not only expensive but takes a lot more time. Therefore, with time to market and cost of software development being two of the most significant parameters in producing software, the software industry takes these parameters lightly or ignores them.

In this lab you will be required to test and identify security flaws using static code analysis tools such as <https://goo.gl/VvlkFj>. While these tools do not provide 100% guarantee, they can identify most of the security flaws. Use two programs one given and one from your labs or assignments in third or fourth year.

The submission in this lab will be a report with a list of identified security flaws. All reports must be submitted on or before the 12th March 2018.