ECE803 Tutorial Sheet 5
Friday, 9 December

The purpose of this tutorial is to explore further case studies. You will need access to a laptop and you may want to work in groups.

The intention is to look at some other issues that have either already caused problems or have the potential to do so. The ICS-CERT alerts and advisories are a good source of information (https://www.us-cert.gov/ics). Meltdown and Spectre are two related vulnerabilities that allow side channel attacks against modern computers. Find out what these entail and how they could be exploited in an attack on critical infrastructure; what mitigations are possible? In addition to the ICS-CERT material, you will find additional information on ncsc.gov.uk and mitre.org but don't be limited by my suggestions!

NOTPetya hit the headlines in June 2017. Some have described it as the most expensive cyber incident in history. It eventually impacted logistics firms, shipping firms and ports. See what you can find out about it.