

# Assignment 1

INSE 6615

Due: March 07 by 6pm (18h00)

*Assignments are to be completed individually. Any reference to external material should be cited. Each student has available one slip day for use on one, and only one, assignment of his/her choosing. Using the slip day allows the assignment to be submitted at **noon (12h00)** on the **Friday** that follows the due date without penalty. Late assignments will not otherwise be accepted (exceptions made for medical certificates).*

*Assignments should be typeset (not handwritten) in PDF format. Please name the file `sid.pdf` where `sid` is your student ID.*

*To use EAS, you must be on the campus internet or use a VPN from off campus, otherwise the website will not load. Follow these instructions for Concordia's VPN (pay attention to the "for students" parts):*

<https://www.concordia.ca/it/security/mfa/use-with-vpn.html>

*Then upload to EAS (link below) under "Assignment" and "1." If you want to modify your assignment before the deadline, upload it again to "Assignment" and "1" and EAS will replace the file.*

<https://fis.encs.concordia.ca/eas/>

*EAS requires your GCS username/password (note: the wifi and VPN uses your Concordia username/password). Please ensure you have both of these well in advance of the deadline (if you are from outside GCS, you can obtain a username/password from the AITS service desk in EV or Hall buildings).*

## Assignment

In recent years, we have seen many attacks against Bitcoin, Ethereum, decentralized finance, NFTs, companies involved with cryptocurrencies, or applications built on top of a blockchain. For this project, you will choose one such incident, research it, and prepare a report (3 pages maximum including citations) on it. The report is to be done individually.

Ensure that you choose an incident that involves technical concepts. Describe the circumstances of the incident, the technical details of the issue, what the impact of the

issue is, and how the issue was addressed. Comment on how the issue could have been prevented (if it could have) and what broader lessons we can learn from it.

Cite all sources. It is inappropriate to copy text (even with grammatical changes) from any source without citation. Citations can be given in an informal, conversational style. Also review Concordia's plagiarism policy.

A useful resource for finding attacks is: <https://rekt.news/>