Homework #3 announced on 19 April 2017.

Hand in this homework on 10 May 2017 in the class.

Q1. Go to https://blockchain.info/ and use it as a reference to make sure your results are correct. 1) Write a python program to download the last 25 blocks (at the moment when you write your program) and print their block hashes and the first input and first output of each block. 2) When running your Python codes, please `print(datetime.datetime.now())` at the begin and the end of your program.

Q2. 1) Collect all the wallet addresses within your 25 blocks, 2) list how many addresses are used, 3) list how many transactions are related to top 20 addresses.

Q3. List the 25 coinbases in the latest 25 blocks, including the amount and the addresses. Aggregate the sum by addresses and print them.

Q4. Find an address in the latest 25 blocks that receives an output and sends an input. If no such address, then print "No such address".