

# PREPARATION FOR TASKS VALIDATION

The evaluation process will consist of several parts:  
Checking the operability of the whole Pitcoin ecosystem with a single node  
Testing the interaction between several nodes  
Features review (tasks from week 2)  
Test coverage

You should be prepare the programming code of Pitcoin network. The system require to have “premine” mode, which could be run after node starting. This is achieved by a relevant flag in the command, which could run the system. Premine means the ability to actions below:  
Generation of three key pairs, which are saved to the separate file  
Genesis block launching  
Using public addresses from generated keys above, mine ten (10) blocks, that will contain different transactions between these addresses.

The reviewer will use public available web routes for obtaining information about what’s happening with the network. This is a list of routes, which should have been made by the end of the first week:

/transaction/pendings  
/chain  
/chain/length  
/block/last  
/block?height=<int>  
/balance?addr=<address>

Additional web routes, which should have been made by the end of the second week:  
/utxo

Also, in README.md please provide simple description of how to run Pitcoin node, tests, wallet and miner interface usage. It will be a great gift for another you, tech product owner!