Algorithm 1: How to write algorithms

Result: Write here the result
$plaintext \leftarrow Alphanumericpassword$;
$BlockNumber \leftarrow From1to10$;
while *cont.lower() == "y"* **do**
    Statement;
    if *0 ¡ choice and choice ¡= 10* **then**
        $password \leftarrow Strings$;
        if *plaintext == password* **then**
            Execute Blockchain blocks without Hacked blocks;
            See Hacked Blocks $\leftarrow yes\ or\ no$
            if *See Hacked Blocks == "yes"* **then**
                Fog.hello.printerr(plaintext,block$_n umber$) $def delay(block_n umber)$
                $if(block == block_n umber)$
                $break$
                $returnhackedblockinformationtofog$
                $else$
                $break$
                $endclass$**else**
                    Break;
                end
            else
                class block()
                return block;
                end class
                class blockchain.main()
                if block==1:
                for n in range(block):
                blockchain.mine(Block("Block " + str(n+1)))
                for n in range(10-1):
                blockchain.mine(Block("Block " + str(n+ block +1)))
                end class
            end
        else
            Invalid Input;
            Cont $\leftarrow yes\ or\ no$
            if *Cont == "yes"* **then**
                continue;
            else
                break;
            end
        end
    end