Algorithm 1: Blockchain Algorithm:

plaintext ← *Alpha numeric password*;
BlockNumber ← *From* 1 *to n*;
while *cont.lower() == "y"* **do**
 Statement;
 if *1 ≤ choice and choice <= n* **then**
  password ← Strings;
  if *plaintext == password* **then**
   Pass hacked block information to fog level;
   take 300 sec;
   if *see hacked block == "yes"* **then**
    Execute new created blocks;
   else
    break;
   end
  else
   Execute Edge simple blocks;
  end
 else
  Invalid Input;
  Cont ← yes or no **if** *Cont == "yes"* **then**
   continue;
  else
   break;
  end
 end
end