# Day 3 Assignment

# **Blockchain Essentials**

# Answer 1:

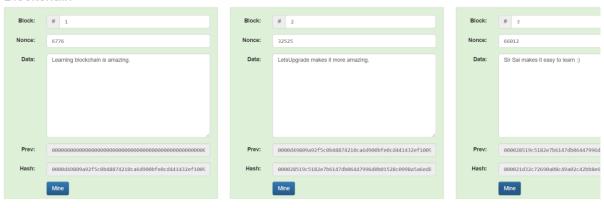
# SHA256 Hash

Data:	Blockchain is amazing.
	<b>6</b>
Hash:	8c14be87776f4e306871fb7adf4065b0996c588210e87018f7b30fc8c59a22e4

# **Block**



## Blockchain



### Distributed Blockchain

#### Peer A

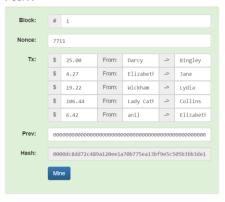






#### **Tokens**

#### Peer A







Activate Windows
Go to Settings to activate Window

#### Coinbase Transactions

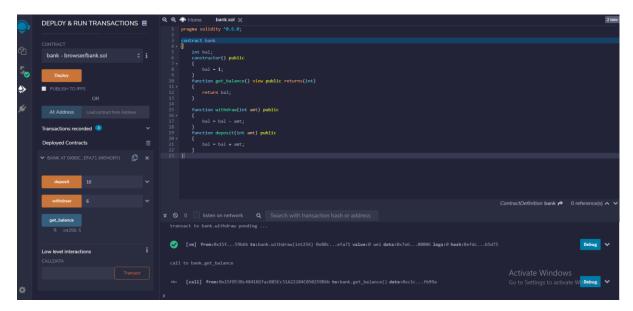
### Peer A







## Answer 2:



## **Smart contact code:**

```
pragma solidity ^0.6.0;

contract bank
{
    int bal;
    constructor() public
    {
       bal = 1;
    }
    function get_balance() view public returns(int)
    {
       return bal;
    }

    function withdraw(int amt) public
    {
       bal = bal - amt;
    }
}
```

```
function deposit(int amt) public
{
    bal = bal + amt;
}
```