

## Assignment day 3

### Question 1: Experiment with Anders Blockchain.

**Ans-**

# Blockchain

[illegible]

Block:

# 2

Nonce:

34994

Data:

Students data  
name - rahul  
class - sydegree

Prev:

0000d970515021451d9e75db9d2c465bb5c50afc02f57932148

Hash:

0000ba06ae7272f7bcd3f1896f2258ebd3984c21d5bdc44a8e0

Mine

# Blockchain

Block:

# 3

Nonce:

159851

Data:

Students data  
name - vicky  
class - fydegree

Prev:

0000ba06ae7272f7bcd3f1896f225ebd3984c21d5bdc44a8e0

Hash:

0000fa2d3cf6a91e58bf16ac73780af2f45963e91d87061bddc

Mine

Block:

# 4

Nonce:

9066

Data:

Students data  
name - shanu  
class - fydegree

Prev:

0000fa2d3cf6a91e58bf16ac73780af2f45963e91d87061bddc

Hash:

000094027076c6f8f0675317a91f043b03af8c0b5c868dbdda0

Mine

Block:

#5

Nonce:

23099

Data:

Students data  
name - pandey  
class - fydegree

Prev:

000094027076c6f8f0675317a91f043b03af8c0b5c868dbddaa

Hash:

0000bdede22a89f86436d1d9990db26df82efdb11271f329bec

Mine

Question 2: Make a Sample Contract on Remix.Ethereum.org and publish it in your GitHub.

**Ans-**

DEPLOY & RUN TRANSACTIONS

At Address 

Load contract from Address

Transactions recorded 2

Deployed Contracts

STUDENT AT 0X6A8...DCB9E (MEMORY)

stud\_tb

newname: viren

newrollno: 21

transact

getdetails

0: string: viren

1: uint256: 21

name

0: string: viren

rollno

0: uint256: 21

Low level interactions

CALLDATA

Home smart.sol

1 pragma solidity ^0.4.21;

2

3 contract student{

4 string public name;

5 uint public rollno;

6

7 function stud\_tb(string newname, uint newrollno)public{

8 name=newname;

9 rollno=newrollno;

10 }

11 function getdetails()public view returns(string,uint){

12 return(name, rollno);

13 }

14 }

15 }

16 }

17

listen on network

Search with transaction hash or address

CALL [call] from:0x559c98EAD7CCdD351302756b07a3d4689901AC59 to:student.rollno() data:0xdf6...f0344

Debug