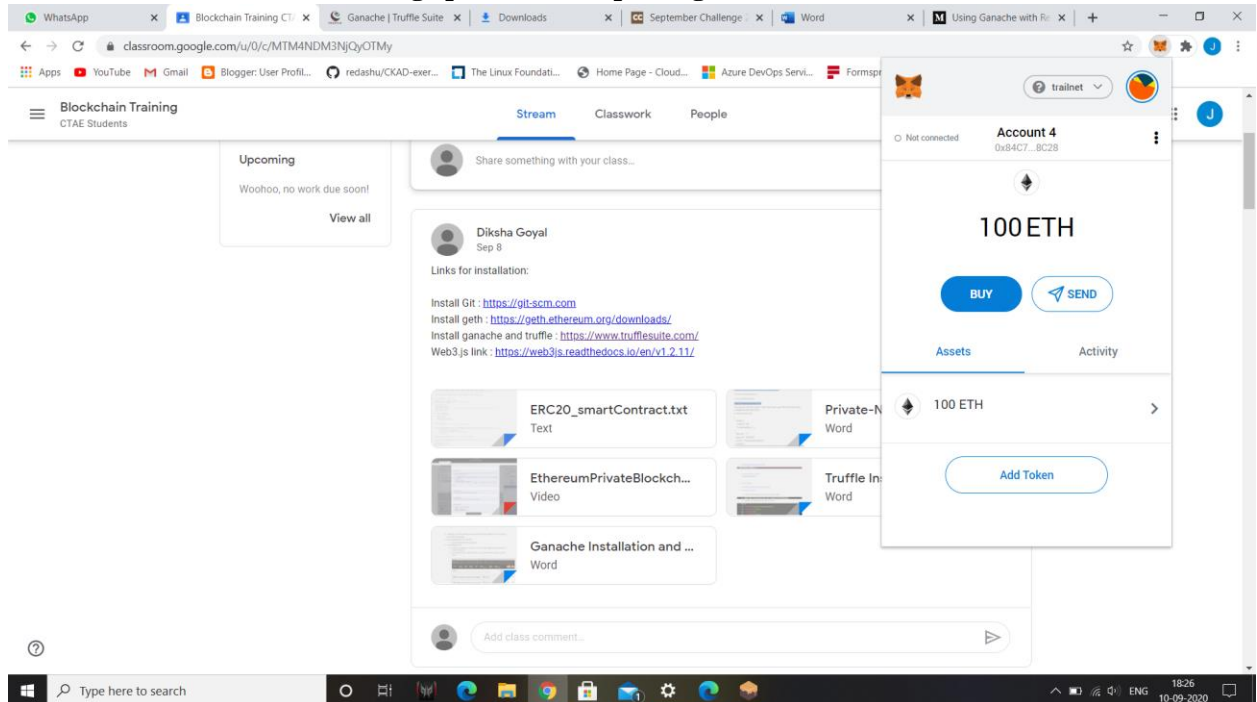
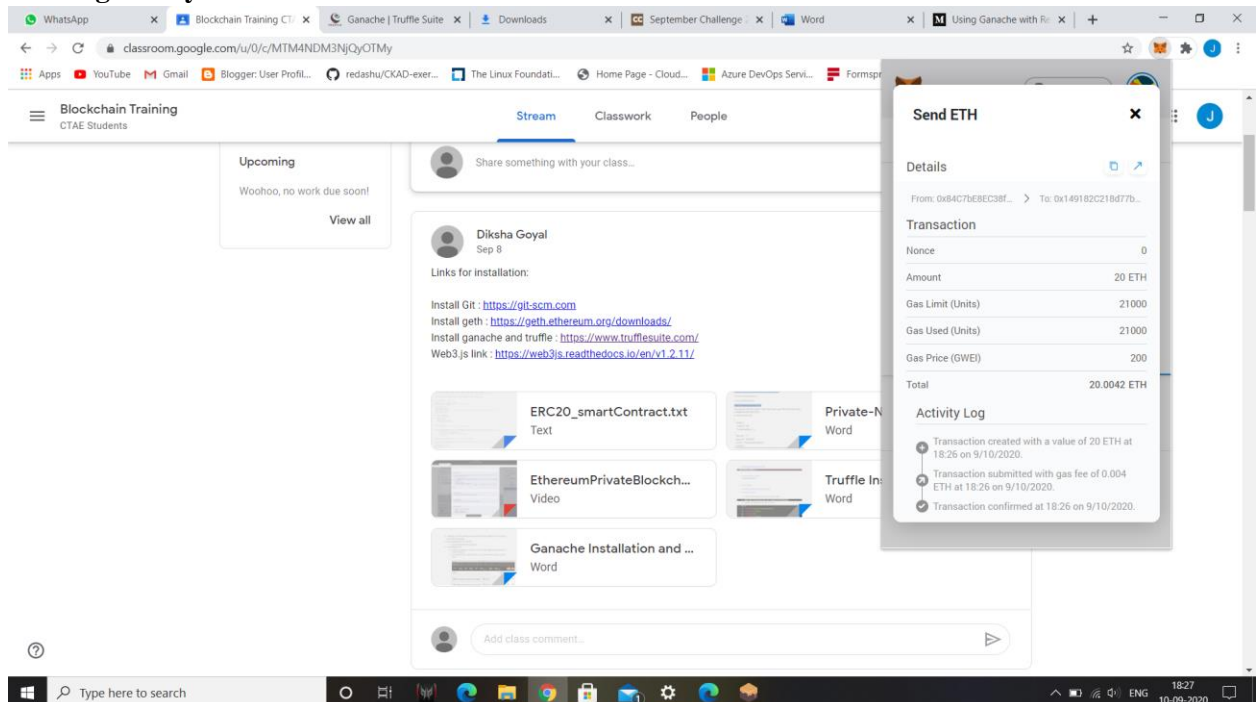


Working with ganache and metamask:

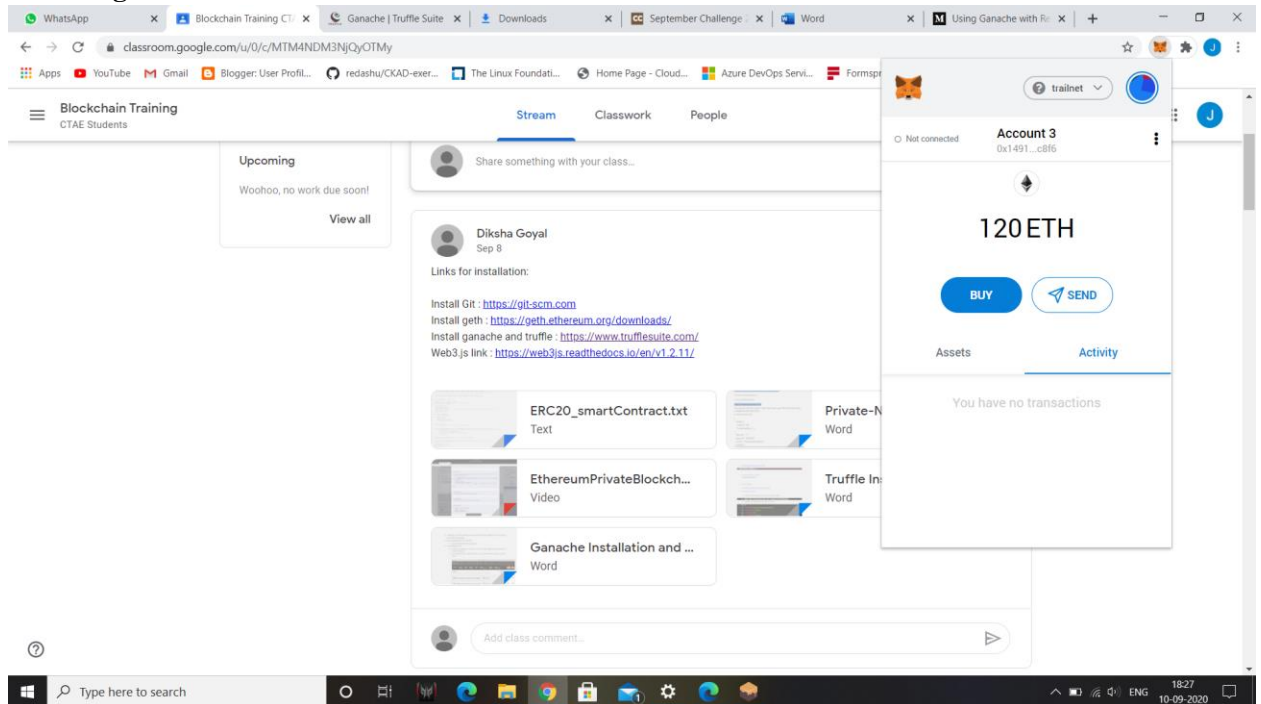
1. Connection with metamask using rpc url and importing account



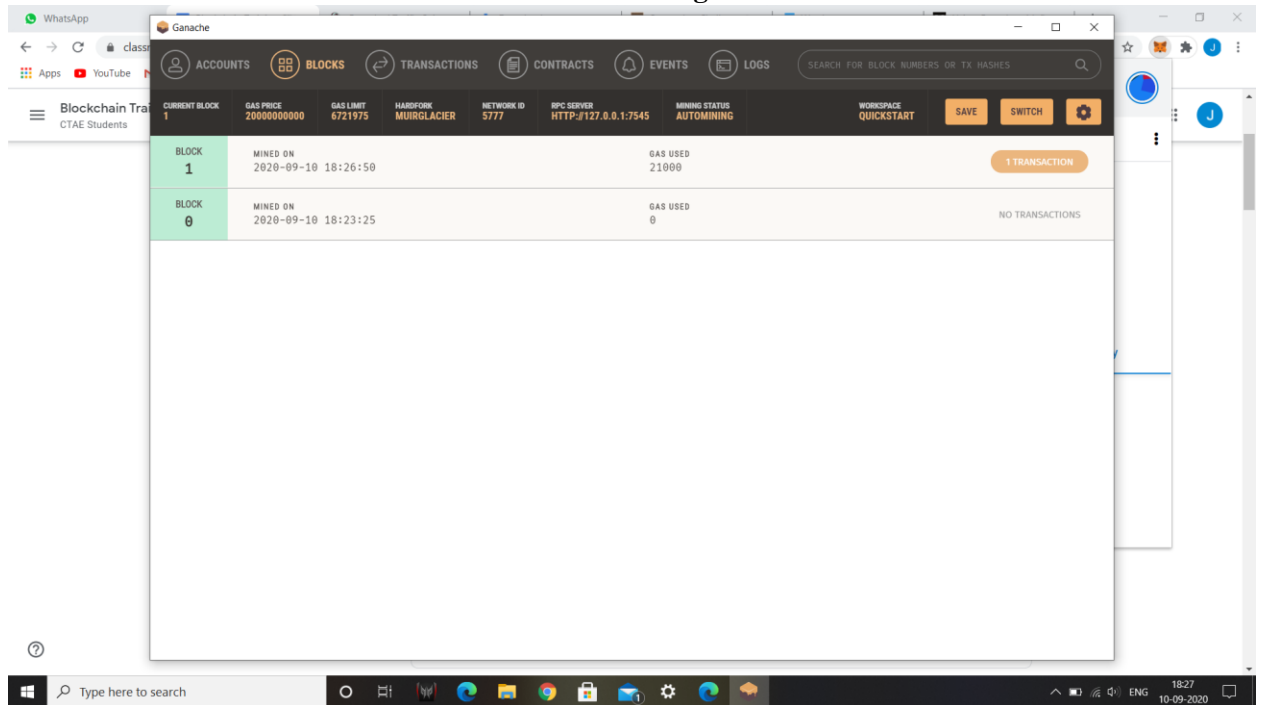
2. Sending money from one account to another.



3. Checking for transfer in metamask.



4. Creation of new block and Transaction information in ganache.



WhatsApp

Blockchain Tr CTAE Students

Ganache

ACCOUNTS BLOCKS TRANSACTIONS CONTRACTS EVENTS LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

CURRENT BLOCK 1 GAS PRICE 20000000000 GAS LIMIT 6721975 HARDFORK MUIRGLACIER NETWORK ID 5777 RPC SERVER HTTP://127.0.0.1:7545 MINING STATUS AUTOMINING WORKSPACE QUICKSTART SAVE SWITCH

TX HASH
0x6ed0886e10c7697dbc6a9a23e2afca90975e4107a4e41e549f22138e16369011 CONTRACT CALL

FROM ADDRESS 0x84C7bE8EC38fB206343da83A95558Fc858b98C28 TO CONTRACT ADDRESS 0x149182C218d77bc6e37585Ca69bcAdB1D11c8f6 GAS USED 21000 VALUE 2000000000000000000

WhatsApp

Blockchain Tr CTAE Students

Ganache

ACCOUNTS BLOCKS TRANSACTIONS CONTRACTS EVENTS LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

CURRENT BLOCK 1 GAS PRICE 20000000000 GAS LIMIT 6721975 HARDFORK MUIRGLACIER NETWORK ID 5777 RPC SERVER HTTP://127.0.0.1:7545 MINING STATUS AUTOMINING WORKSPACE QUICKSTART SAVE SWITCH

TX 0x6ed0886e10c7697dbc6a9a23e2afca90975e4107a4e41e549f22138e16369011

SENDER ADDRESS 0x84C7bE8EC38fB206343da83A95558Fc858b98C28 TO CONTRACT ADDRESS 0x149182C218d77bc6e37585Ca69bcAdB1D11c8f6 CONTRACT CALL

VALUE 20.00 ETH GAS USED 21000 GAS PRICE 2000000000000 GAS LIMIT 21000 MINED IN BLOCK 1

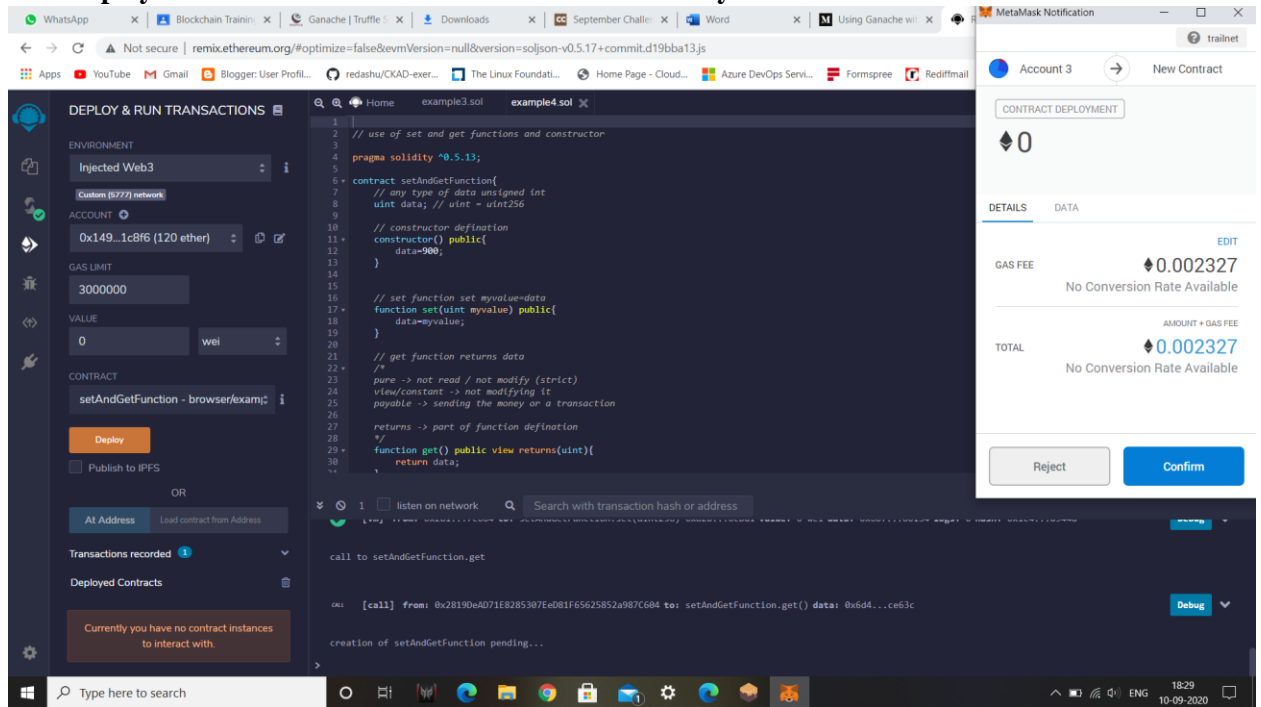
TX DATA 0x

EVENTS

NO EVENTS

Working with Ganache, Metamask and Remix Ide.

1. **Creating a Smart contract and compiling after compilation test for deployment in javascript vm. Then use injected web3 to get connected to metamask and select an account then deploy the contract. A conformation will be asked by metamask.**



2. Check ganache for new block and transaction.

The screenshot displays the Ganache desktop application interface. The top navigation bar includes tabs for ACCOUNTS, BLOCKS, TRANSACTIONS, CONTRACTS, EVENTS, and LOGS. The left sidebar shows the 'DEPLOY & RUN' section with an 'Injected Web3' environment. The main panel is divided into two sections: 'BLOCKS' and 'TRANSACTIONS'.

BLOCKS Section:

BLOCK	MINED ON	GAS USED	TRANSACTIONS
BLOCK 2	2020-09-10 18:29:40	116335	1 TRANSACTION
BLOCK 1	2020-09-10 18:26:50	21000	1 TRANSACTION
BLOCK 0	2020-09-10 18:23:25	0	NO TRANSACTIONS

TRANSACTIONS Section:

TX 0x90d8961a9584071d90c8b7311a32efc986b24f99acc51471536437479cb2a34c

SENDER ADDRESS: 0x149182C218d77bc6e37585Ca69bcAdB1D11c8f6
CREATED CONTRACT ADDRESS: 0x38c1A15Bec740b193d00f374de9Aaf3d6a2F1b4d

VALUE: 0.00 ETH
GAS USED: 116335
GAS PRICE: 20000000000
GAS LIMIT: 116335
MINED IN BLOCK: 2

TX DATA: 0x608060405234801561001057600080fd5b5061038460008190555060c6806100286000396000f3fe6080604052348015600f57600080fd5b50600436106032576000356001c806360fe47b11460375780636d4ce63c146062575b600080fd5b606060048036036020811015604b57600080fd5b8101908080359060200190929190505050607e565b005b6060808565b6040518082815260200191505060405180910390f35b0060008190555050565b6000805490509056fea265627a7a7231582020d1d6cf602355a8a35d70d2ec0bc30e7dc83e2f4271b6dc302aa21db6aa799d64736f6c63430005110032

EVENTS Section:

NO EVENTS