**How the smart contract was deployed on Ropsten test Network:**

In Remix IDE, ERC20 code was compiled and after pressing “Compile and Run transactions button” and entering the total supply of 90000 DMU(as seen in the below screenshot), we deployed the smart contract.

![Graphical user interface, application, Teams

Description automatically generated]()

We get a metamask prompt as shown below where we need to confirm

![Graphical user interface, application, email

Description automatically generated]()

After pressing confirm, we get the confirmation of smart contract deployment

![Graphical user interface, application

Description automatically generated]()

We can see the deployed contract on ropsten.etherscan.io as well, as seen below:

![Graphical user interface, text, application, email

Description automatically generated]()

The deployed smart contract on Remix IDE:

![Graphical user interface

Description automatically generated]()

**Instructions on how to access the deployed Smart Contract:**

**Step 1:** Open Remix IDE, compile the given ERC20 code and press “Compile and Run transactions button” to get the below screen.

Select InjectedWeb3 and in the At Address text field enter the smart contract address:

0x51A4F88bB2Cb6c3245eEfbbF29d171BFB16f3c5C

and press At Address.

By doing the above steps you can access the smart contract and its functionalities.

![Graphical user interface, application, Teams

Description automatically generated]()

**Step 2:** After completing Step 1, we get to access the functions of the deployed smart contract as shown below.

![Graphical user interface

Description automatically generated]()

**Step 3:** To test the smart contract,

In the text field of balanceOf button, enter your address to find your balance

![Graphical user interface

Description automatically generated]()