

Code screenshot

The screenshot displays the Remix IDE interface, which is used for developing and deploying smart contracts. The interface is divided into three main sections: a left sidebar for deployment settings, a central code editor, and a right sidebar for contract details.

Left Sidebar (DEPLOY & RUN TRANSACTIONS):

- ENVIRONMENT:** Set to "Injected Web3".
- ACCOUNT:** Set to "Kovan (42) network" with account address "0x66D...E31aB (0.08982236)".
- GAS LIMIT:** Set to "3,000,000".
- VALUE:** Set to "Wei".
- CONTRACT:** Set to "Group3Token - ERC_assignment.sol".
- Deploy Button:** An orange button labeled "Deploy" with a dropdown menu showing "string name, string symbol".
- Publish to IPFS:** A checkbox that is currently unchecked.
- OR:** A separator between deployment methods.
- At Address:** A button labeled "At Address" with a dropdown menu showing "Load contract from Address".
- Transactions recorded:** A section showing "9" transactions recorded.
- Deployed Contracts:** A section showing a list of deployed contracts, including "GROUP3TOKEN AT 0X1EE...483EB (BLC)".
- Approve Button:** An orange button labeled "approve" with a dropdown menu showing "address spender, uint256 am".

Central Code Editor:

```
1  
2  
3  pragma solidity ^0.8.0;  
4  
5  import "https://raw.githubusercontent.com/OpenZeppelin/openzeppelin-contracts/master/contracts/token/ERC20/ERC20.sol";  
6  
7  
8  contract Group3Token is ERC20 {  
9  
10  
11     constructor(string memory name, string memory symbol) ERC20(name, symbol){  
12         _mint(msg.sender, (10**24));  
13     }  
14 }
```

Right Sidebar:

- ContractDefinition Group3Token:** A section showing the contract definition for "Group3Token".
- 0 reference(s):** A section showing the number of references to the contract.

Deployed Contracts



▼ GROUP3TOKEN AT 0X1EE...483EB (BLO



approve

address spender, uint256 am



decreaseAllow...

address spender, uint256 sut



increaseAllow...

address spender, uint256 ad



transfer



recipient:

0x034d9CD8e2d5e83bDAeD2

amount:

10000000000000000000



transact

transferFrom

address sender, address reci



allowance

address owner, address spen



balanceOf

0x66D63Ee519168356424C



0: uint256: 10000000000000000000

decimals