# 39.https://stackoverflow.com/questions/73366595/cannot-enquire-balance-of-erc1155-smart-contract

**T:**Cannot enquire balance of ERC1155 smart contract

**Q:**I wrote a solidity smart contract to mint ERC1155 tokens which I deployed to MUMBAI testnet (polygon). It just mints 5 nft's.  
  
//SPDX-License-Identifier: UNLICENSEDimport "@openzeppelin/contracts/token/ERC1155/ERC1155.sol";import "@openzeppelin/contracts/access/Ownable.sol";import "@openzeppelin/contracts/utils/Strings.sol";import "@openzeppelin/contracts/utils/Context.sol";pragma solidity ^0.8.0;contract MyContract is ERC1155, Ownable {//public unint16 totalTokens = 5;string public name;string public symbol;constructor() ERC1155("https://bafybeic3s5lnqldp2poeoyilwhxf672huzqvjk4imd2effxxbjpycnir6a.ipfs.dweb.link/{id}.json") { //this should be in a for loop countind down from totaltokens to 0. \_mint(msg.sender, 0, 1, ""); \_mint(msg.sender, 1, 1, ""); \_mint(msg.sender, 2, 1, ""); \_mint(msg.sender, 3, 1, ""); \_mint(msg.sender, 4, 1, ""); name = "Live NFT test"; symbol = "LFTT"; super;}function uri(uint256 tokenId) override public view returns(string memory){ return( string(abi.encodePacked( "https://bafybeic3s5lnqldp2poeoyilwhxf672huzqvjk4imd2effxxbjpycnir6a.ipfs.dweb.link/", Strings.toString(tokenId), ".json" )) );}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
}  
  
I can see the contract deployment transaction and the 5 test NFT minting transactions in polygonscan so it seems to work but when I try to check the balance using various tools, it shows as 0. I tried to import the tokens into metamask but it says it cannot determine the balance of the token. I wrote a script with ethers.js to see what was being returned and it is as follows:  
  
BigNumber { \_hex: '0x01', \_isBigNumber: true }  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
The hex value is correct, there is afterall 1 token but I'm not sure why nothing seems able to read this. The balanceOf function comes directly from the openzepelin template which is pretty popular and I don't seem to see anyone else complaining about this. Does anyone have any idea why this is not working? I have spent hours trying to rearch this and writing test scripts and I 'm not sure what else to do?

0 **Answer**