# 48.https://stackoverflow.com/questions/73317165/how-to-get-the-tokenids-of-certain-erc721-tokens-for-a-adress-using-web3py

**T:**How to get the tokenids of certain ERC721 tokens for a adress? using Web3py

**Q:**A known way:  
  
 ● call balanceOf to get the number of tokens owned by the address call  
  
 ● Call tokenOfOwnerByIndex in a loop to get each owned token ID.  
  
But what I'm very confused about is what to do when the ERC721 contract has not included tokenOfOwnerByIndex function

1 **Answer**

**A1:**tokenOfOwnerByIndex is what most token will provide for you to enumerate in, but you could use Transfer event on that contract to do that also  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**C1:**Use code formatting for code names in order to improve readibility