# 360.https://stackoverflow.com/questions/71407159/hardhat-compiling-error-safemint-undeclared-identifier

**T:**Hardhat Compiling Error (\_safeMint 'Undeclared identifier')

**Q:**hello I'm writing a contract and got this error in my function.  
  
function mintCardNFT(uint \_cardIndex) external { uint256 newItemId = \_tokenIds.current(); \_safeMint(msg.sender, newItemId);nftHolderAttributes[newItemId] = CardAttributes({ cardIndex: \_cardIndex, name: defaultCards[\_cardIndex].name, imageURI: defaultCards[\_cardIndex].imageURI, alignments: defaultCards[\_cardIndex].alignments, power: defaultCards[\_cardIndex].power, maxPower: defaultCards[\_cardIndex].maxPower, resistance: defaultCards[\_cardIndex].resistance, income: defaultCards[\_cardIndex].income});console.log("Minted NFT w/ tokenId %s and cardIndex %s", newItemId, \_cardIndex);nftHolders[msg.sender] = newItemId;\_tokenIds.increment();}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
solidity version is 0.8.1 in hardhat.config and ^0.8.1 in contract.  
  
everything looks normal to me. Merci!

1 **Answer**

**A1:**You're trying to invoke a function \_safeMint() but this function is not declared.  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
Most likely you forgot to derive your contract from the OpenZeppelin ERC721.  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
pragma solidity ^0.8;// import the OpenZeppelin `ERC721` contractimport "@openzeppelin/contracts/token/ERC721/ERC721.sol";// derive your contract from the imported `ERC721` contractcontract MyCollection is ERC721 { // call the parent constructor constructor() ERC721("MyCollection", "MyC") {} function mintCardNFT() external { // now the `\_safeMint()` function is available \_safeMint(msg.sender, 1); }}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**C1:**actually I import it. but I see right now I did a silly mistake, thanks for your comment. my mistake was not adding is ERC721 when define contract. I guess I should delete this question

**C2:**@MertTopkaya These things happen. :) Do not delete the question, it might help others with the same issue.