# 5.https://stackoverflow.com/questions/70583249/nft-collections-and-supply-erc721-vs-erc-1155

**T:**NFT Collections and Supply - ERC721 vs ERC 1155

**Q:**I'm building an NFT marketplace, say a copycat of OpenSea.  
  
I need to make my users able to mint their own tokens. That's ok, that would be an ERC721 contract. But I want to allow my users to mint different collections (as OpenSea does) with different supplies as follows:  
  
 ● (1) Have a single collection  
  
  
 ● (2) Have multiple collections  
  
  
 ● (A) Mint 1/1 NFTs  
  
  
 ● (B) Mint 1/N NFTs (say, for instance, 100 in total of the same NFT)  
  
  
That makes a set of combinations:  
  
 ● Single collections (1) of 1/1 NFTs (A)  
  
  
 ● Single collections (1) of 1/N NFTs (B)  
  
  
 ● Multiple collections (2) of 1/1 NFTs (A)  
  
  
 ● Multiple collections (2) of 1/N NFTs (B)  
  
  
 ● Single or multiple collections (1 or 2) of both 1/1 and 1/N NFTS (A and B)  
  
  
When using ERC721 I would be able to make (A) and (B), yet for every collection I would have to deploy a new contract. I want to avoid this.  
  
Is this covered by ERC1155?

1 **Answer**

**A1:**(A) Mint 1/1 NFTs  
  
(B) Mint 1/N NFTs (say, for instance, 100 in total of the same NFT)  
  
Both options are in accordance with the ERC-1155 standard.  
  
The ERC-1155 defines a collection of tokens, where each token has an ID and an amount (specified as a value in the standard). Which means, you can have for example:  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
 ● Token ID 1 that has amount of 1. At any point in time, it's always owned by just one address. (Case A)  
  
 ● Token ID 2 that has amount of 10. Five of these tokens ID 2 is owned by Alice, and other five tokens ID 2 is owned by Bob. (Case B)

**C1:**Thank you for your answer Petr, very clear! Just a doubt: in Case B, the 10 tokens 10 need to have a sub-ID, because they can't all have the same ID 2, right? I mean, if you buy the NFT #10 of a collection with 100 supply, you're buying ID 10, not a copy of ID 1 of that collection

**C2:**@JacquesGodin They don't have a sub-ID. The ERC-1155 is in fact a combination of the non-fungible (ERC-721) and fungible (ERC-20) token approach. So in the example from the answer, there are 10 fungible copies of the non-fungible token ID 2.