**Purchasing NFT By Paying ERC20 Tokens**

1. **Create an ERC20 Token Smart Contract**

Minted 900 Tokens

1. **Created an ERC721 smart contract .**

Set Price for NFT.(1 Eth)

Created a public Function for MINT.

One can mint NFT by calling MINT function.

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Created an Interface for **ERC20 Token.**

Call that interface in the ERC721 Smart contract.

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1. Minted ERC20 Tokens
2. Called Approve() function to Approve 1Eth(price of NFT) to NFT smart contract
3. In NFT contract. Mint NFTS
4. Call buyNFT() function

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Transferfrom() function will transfer PRICE of NFT from function caller to owner of NFT.

( it is necessary to have approved funds from the other contract)

\_transfer() will transfer NFT by taking tokenID from owner of NFT to function caller. )

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