1. Rinkeby Test
2. Free Eth
3. Third web ([https://bit.ly/3EJLftx](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqa1lCMGhCSEU5RjVMbmo0TGUyY3lpUEFPVkNsZ3xBQ3Jtc0ttaXJ3anRVSlM4Qlg3N0trWU5ibEdiTjB5MXpiY2xydmZnYzJRY1dXZmlPNUNuNHJDT0lqQUt3dUp3QlpwN1I4Mnh5ZkNaY05OUGd1ZDJpNWEyZUNEeUZmenJ4enBQSnR3T0RDSHdaMUtObEFmMGZMbw&q=https%3A%2F%2Fbit.ly%2F3EJLftx))
4. Create project
5. Add module
6. Nft collections
7. Put required data (confirm configuration)
8. Then mint nfts

Npm I axios

Api link to get data from opensea:

https://testnets-api.opensea.io/assets?order\_direction=asc&asset\_contract\_address=%7B%7Byour\_collection\_address\_here%7D%7D

Put collection address on which nfts deployed after from details of any image on opensea contract\_address =

Example:

const [punkListData, setPunkListData] = useState([])

  useEffect(()=>{

    const getMyNfts = async () => {

      const openSeaData = await axios.get('https://testnets-api.opensea.io/assets?order\_direction=asc&asset\_contract\_address=0x8Dd856216f973B9D1E1e764514Fc7B6c714DFED1&order\_direction=asc')

      console.log(openSeaData.data.assets)

      setPunkListData(openSeaData.data.assets)

    }

    return getMyNfts()

  }, [])

Getting Data from opensea APi and passing it to punkList:

import './App.css';

import CollectionCard from './components/CollectionCard/CollectionCard';

import Header from './components/Header/Header';

import axios from 'axios';

import { useEffect, useState } from 'react';

import PunkList from './components/PunkList/PunkList';

function App() {

  const [punkListData, setPunkListData] = useState([])

  useEffect(()=>{

    const getMyNfts = async () => {

      const openSeaData = await axios.get('https://testnets-api.opensea.io/assets?order\_direction=asc&asset\_contract\_address=0x8Dd856216f973B9D1E1e764514Fc7B6c714DFED1&order\_direction=asc')

      console.log(openSeaData.data.assets)

      setPunkListData(openSeaData.data.assets)

    }

    return getMyNfts()

  }, [])

  return (

    <div className='app'>

      <Header/>

      <CollectionCard id={0} name='Bandana Punk' traits={[{'value':7}]} image='https://ipfs.thirdweb.com/ipfs/bafybeiedqim46toomijrnua3xp45yh7jhas5cwf3k276yf3epyulrrrhey'/>

      <PunkList punkListData={punkListData}/>

    </div>

  );

}

export default App;

Where as PunkList contains all cards

In order to get price

console.log(openSeaData.data.assets[1].last\_sale.payment\_token?.eth\_price)

import CollectionCard from "../CollectionCard/CollectionCard"

function PunkList({punkListData}) {

    return (

        <div className="punkList">

            {punkListData.map((punk)=>(

                <div key={punk.token\_id}>

                    <CollectionCard

                    key={punk.token\_id}

                    id={punk.token\_id}

                    name={punk.name}

                    traits={punk.traits}

                    image={punk.image\_original\_url}

                    />

                </div>

            ))}

        </div>

    )

}

export default PunkList

And CollectionCard is just a simple card

import './CollectionCard.css'

import weth from '../../assets/weth.png'

function CollectionCard({id, name, traits, image}) {

    return (

        <div className='collectionCard'>

            <img src={image} alt=''/>

            <div className='details'>

                <div className='name'>

                    {name} <div className='id'> .#{id}</div>

                </div>

                <div className='priceContainer'>

                    <img src={weth} className='wethImage' alt=''/>

                    <div className='price'>{traits[0]?.value}</div>

                </div>

            </div>

        </div>

    )

}

export default CollectionCard

To Retrieve Single Ethereum NFT:

https://api.opensea.io/api/v1/asset/0xb47e3cd837dDF8e4c57F05d70Ab865de6e193BBB/3539

After asset, pass ethereum contract address and token id from opensea

To retrieve collection of NFT,

<https://api.opensea.io/api/v1/assets?asset_contract_address=0xb47e3cd837dDF8e4c57F05d70Ab865de6e193BBB&order_direction=asc>

Again pass asset contract address from details of opensea NFT

[Get Assets – Django REST framework (opensea.io)](https://api.opensea.io/api/v1/assets?asset_contract_address=0xb47e3cd837dDF8e4c57F05d70Ab865de6e193BBB&order_direction=asc)