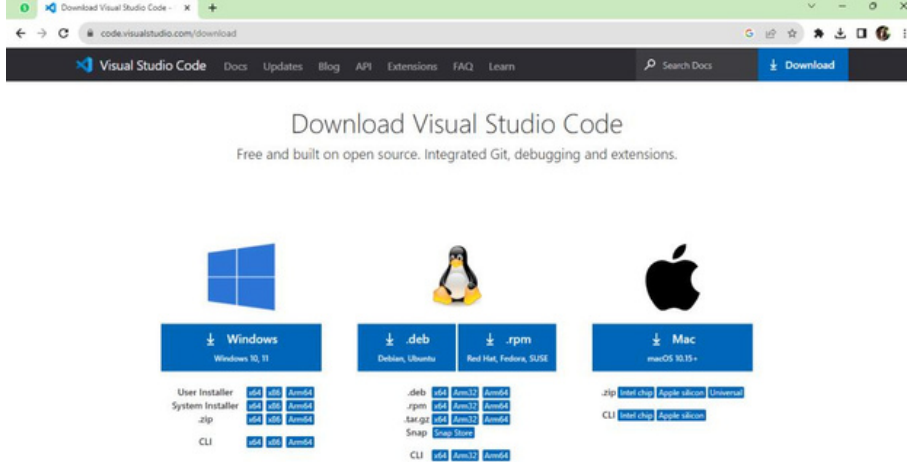


## project Development Phase Model Performance Test

Project Name Project	Vaccine Tracking -
Maximum Marks	Transparent10 Marks

### Model Performance Testing:

Project team shall fill the following information when working for blockchain.

Sn	Parameter	Values	Screenshots
o 1	Information gathering	Setup all the Prerequisite:	

nodejs.org/en/download

node

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## Downloads


Latest LTS Version: 18.18.2 (includes npm 9.8.1)


Download the Node.js source code or a pre-built installer for your platform, and start developing today.

**LTS**  
Recommended For Most Users

**Current**  
Latest Features

  
Windows Installer  
node-v18.18.2-x64.msi

  
macOS Installer  
node-v18.18.2.pkg

  
Source Code  
node-v18.18.2.tar.gz

Windows Installer (.msi)  
Windows Binary (.zip)  
macOS Installer (.pkg)  
macOS Binary (.tar.gz)  
Linux Binaries (x64)  
Linux Binaries (ARM)

	32-bit	64-bit
	32-bit	64-bit
	64-bit / ARM64	
	64-bit	ARM64
	64-bit	
	ARMv7	ARMv8

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15:37 22-10-2023

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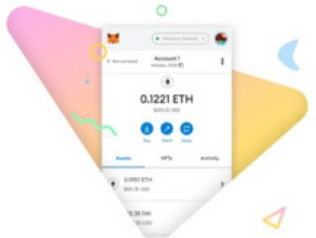
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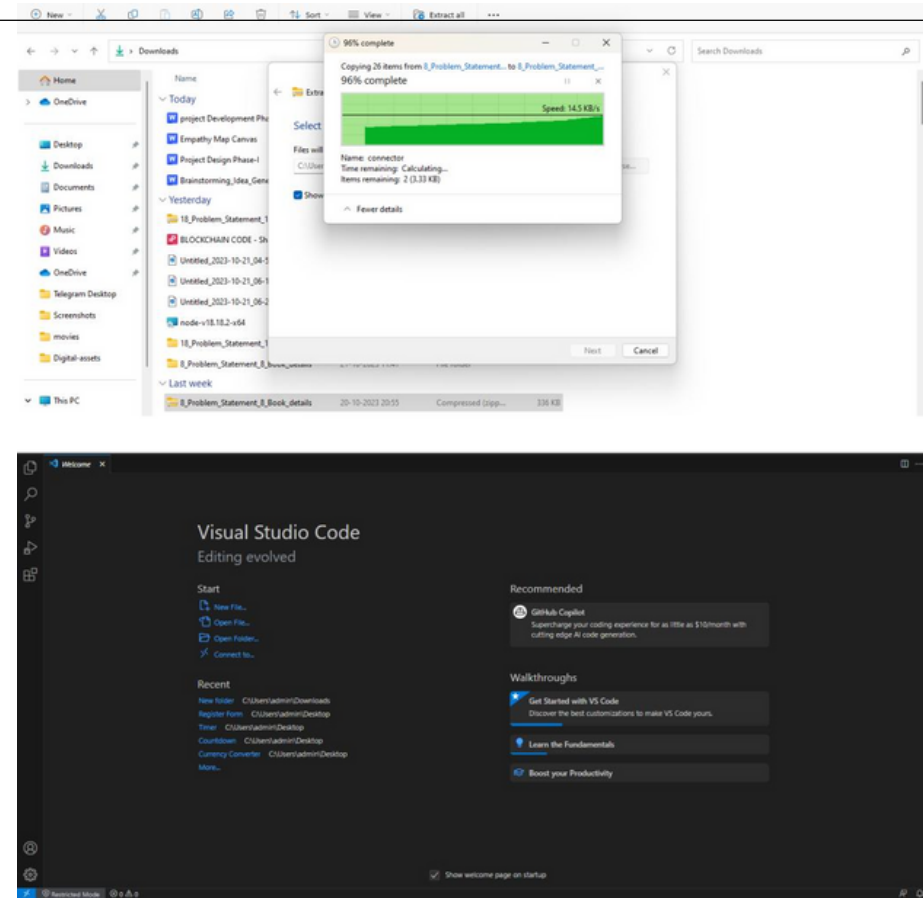
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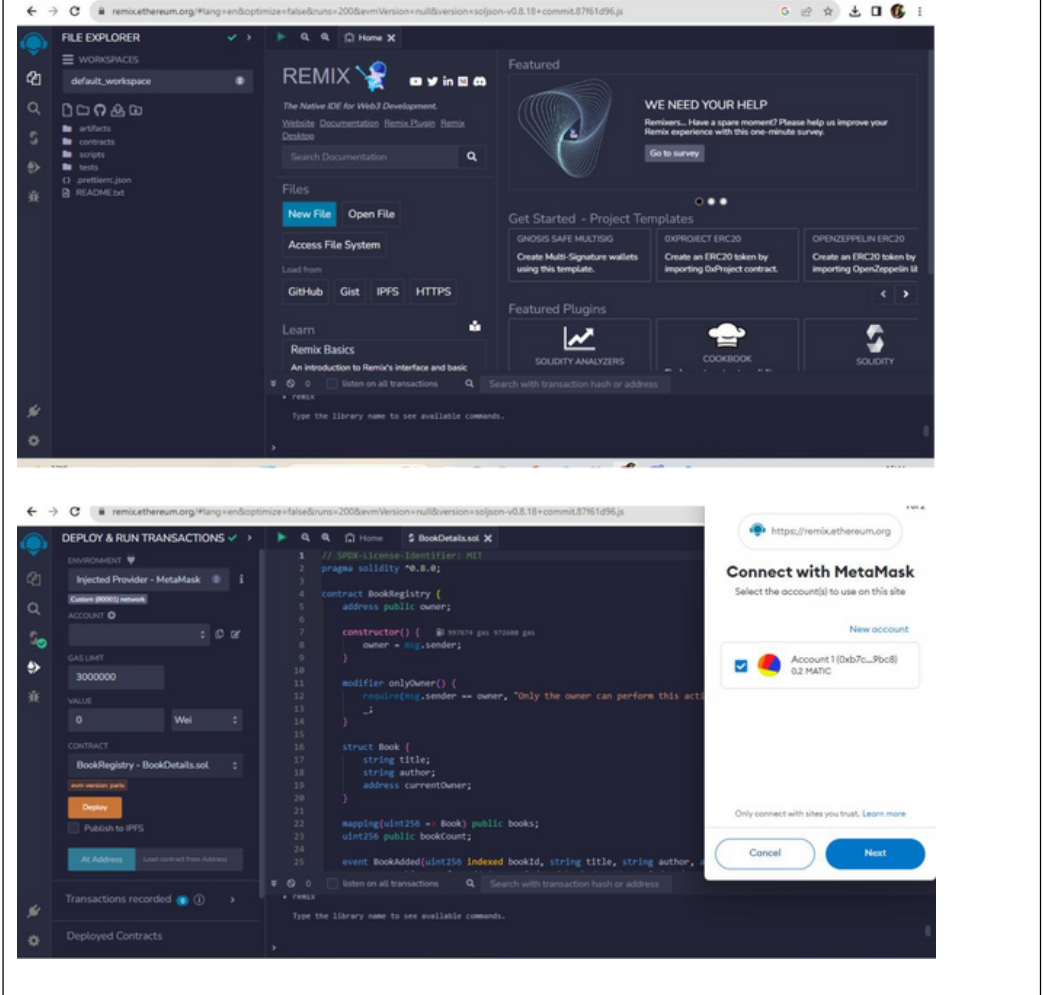
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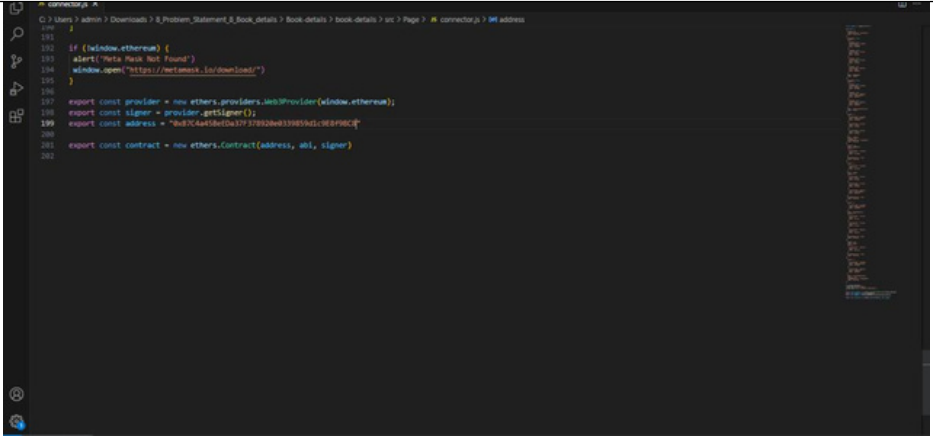
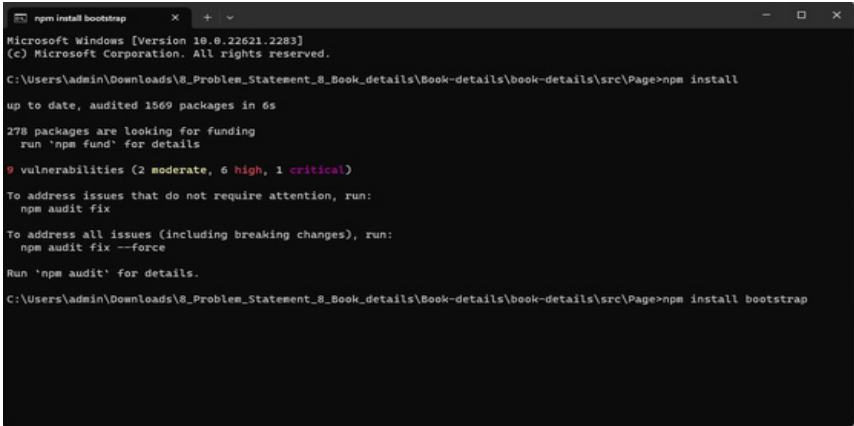
2

Extract the zip files

Open to vs code



3	Remix Ide platform exploring	<p>Deploy the smart contract code</p> <p>Deploy and run the transaction. By selecting the environment – inject the Meta Mask.</p>	 <p>The top screenshot shows the Remix IDE main interface. On the left is the 'FILE EXPLORER' showing a 'default_workspace' with files like 'artifacts', 'contracts', 'scripts', 'tests', 'prettierrc.json', and 'README.txt'. The main area displays the 'REMIX' logo and a 'Featured' section with a survey link. Below this are 'Get Started - Project Templates' for GNOSIS SAFE MULTISIG, OXPROJECT ERC20, and OPENZEPPPELIN ERC20. A 'Featured Plugins' section includes SOLIDITY ANALYZERS, COOKBOOK, and SOLIDITY. The bottom panel shows 'Learn' resources and a search bar for transaction hashes or addresses.</p> <p>The bottom screenshot shows the 'DEPLOY &amp; RUN TRANSACTIONS' panel. The 'ENVIRONMENT' dropdown is set to 'Injected Provider - MetaMask'. The 'ACCOUNT' section shows a selected account with a balance of 0.2 MATIC. The 'GAS LIMIT' is set to 3000000 and the 'VALUE' is 0 Wei. The 'CONTRACT' dropdown is set to 'BookRegistry - BookDetails.sol'. The 'Deploy' button is highlighted. The 'TRANSACTIONS' section shows 'Transactions recorded' and 'Deployed Contracts'. The main editor displays the Solidity code for the 'BookRegistry' contract:</p> <pre> 1 // SPDX-License-Identifier: MIT 2 pragma solidity ^0.8.0; 3 4 contract BookRegistry { 5     address public owner; 6 7     constructor() { 8         owner = msg.sender; 9     } 10 11     modifier onlyOwner() { 12         require(msg.sender == owner, "Only the owner can perform this action"); 13     } 14 15     struct Book { 16         string title; 17         string author; 18         address currentOwner; 19     } 20 21     mapping(uint256 =&gt; Book) public books; 22     uint256 public bookCount; 23 24     event BookAdded(uint256 indexed bookId, string title, string author, 25 </pre>
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4	Open file explorer	<p>Open the extracted file and click on the folder.</p> <p>Open src, and search for utilities.</p> <p>Open cmd enter commands</p> <ol style="list-style-type: none"><li>1.npm install</li><li>2.npm bootstrap</li><li>3. npm start</li></ol>	 <pre>121 122 123 if (window.ethereum) { 124   alert("Meta Mask Not Found") 125   window.open("https://metamask.io/download") 126 } 127 128 export const provider = new ethers.providers.Web3Provider(window.ethereum); 129 export const signer = provider.getSigner(); 130 export const address = "0x5C45D204537F02264333895d1c188F98C4"; 131 export const contract = new ethers.Contract(address, abi, signer); 132</pre>  <pre>npm install bootstrap Microsoft Windows [Version 10.0.22621.2283] (c) Microsoft Corporation. All rights reserved.  C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Page&gt;npm install  up to date, audited 1569 packages in 6s  278 packages are looking for funding   run 'npm fund' for details  9 vulnerabilities (2 moderate, 6 high, 1 critical) To address issues that do not require attention, run:   npm audit fix To address all issues (including breaking changes), run:   npm audit fix --force Run 'npm audit' for details.  C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Page&gt;npm install bootstrap</pre>
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			<pre> run 'npm fund' for details  9 vulnerabilities (2 moderate, 6 high, 1 critical) To address issues that do not require attention, run:   npm audit fix To address all issues (including breaking changes), run:   npm audit fix --force Run 'npm audit' for details. C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Pages&gt;npm install bootstrap added 1 package, and audited 1669 packages in 13s 278 packages are looking for funding   run 'npm fund' for details  9 vulnerabilities (2 moderate, 6 high, 1 critical) To address issues that do not require attention, run:   npm audit fix To address all issues (including breaking changes), run:   npm audit fix --force Run 'npm audit' for details. C:\Users\admin\Downloads\8_Problem_Statement_8_Book_details\Book-details\book-details\src\Pages&gt;npm start  &gt; book-details@0.1.0 start &gt; react-scripts start </pre>
5	{LOCALHOST IP ADDRESS}	Copy the address and open it to chrome so you can see the front end of your project.	<p>Local: <a href="http://localhost:3000">http://localhost:3000</a>  On Your Network: <a href="http://192.168.71.166:3000">http://192.168.71.166:3000</a></p> 