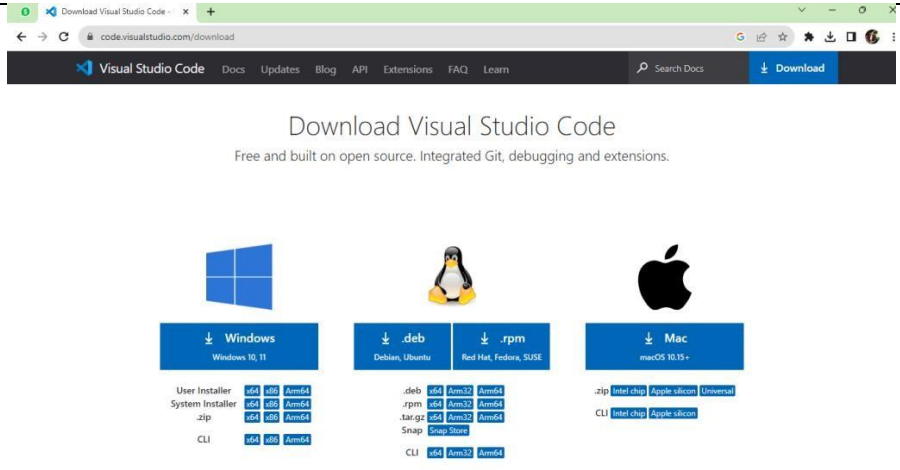


project Development Phase Model Performance Test

Date	4 November 2023
Team ID	NM2023TMID11486
Project Name Project -	Blockchain – Central Bank Smart Contract
Maximum Marks	10 Marks

Model Performance Testing:

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

Sno	Parameter	Values	Screenshots
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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22-10-2023

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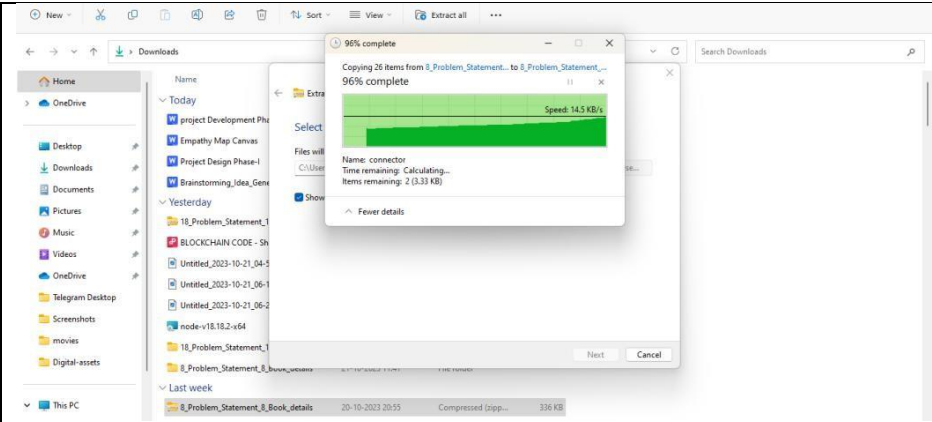
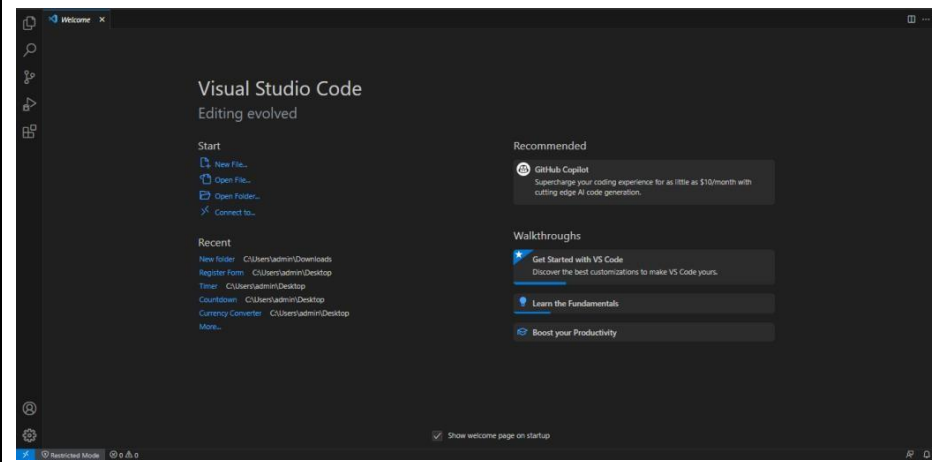
0.1221 ETH

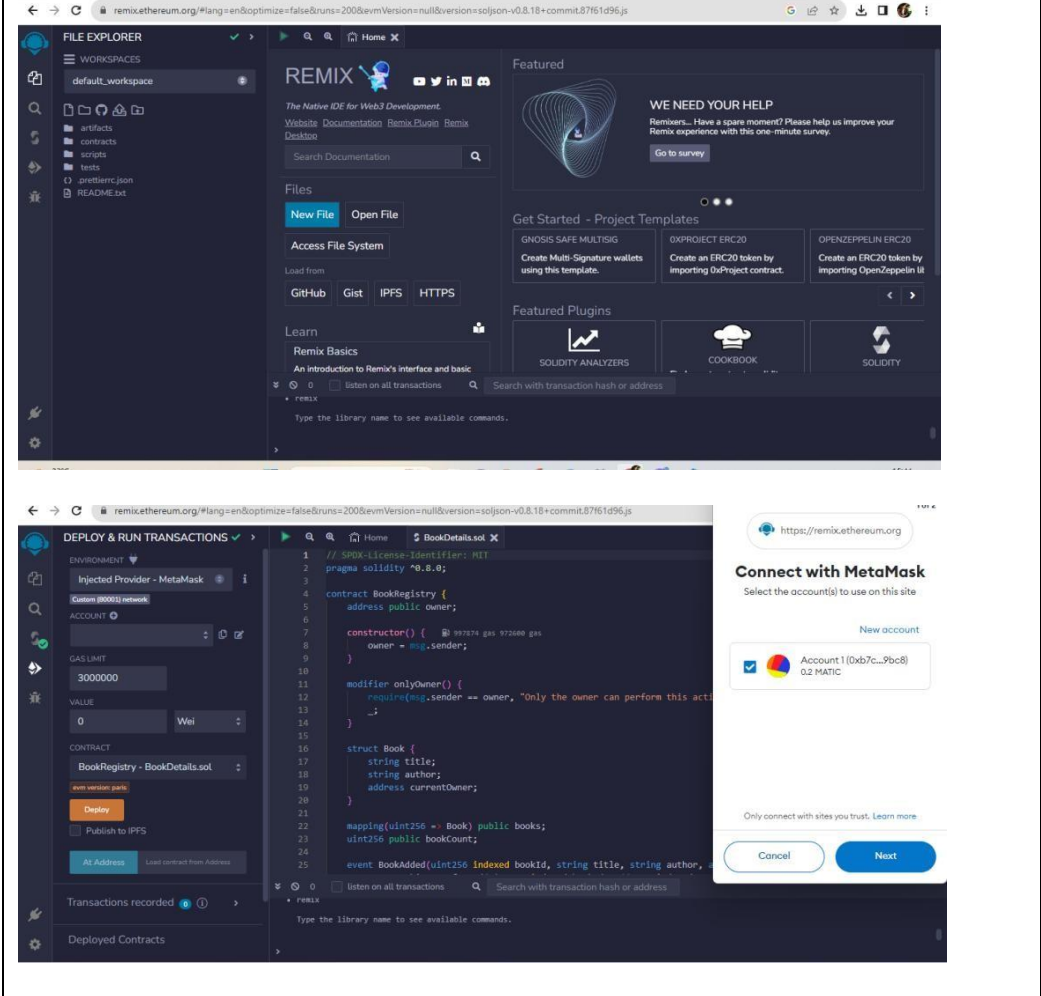
Activity

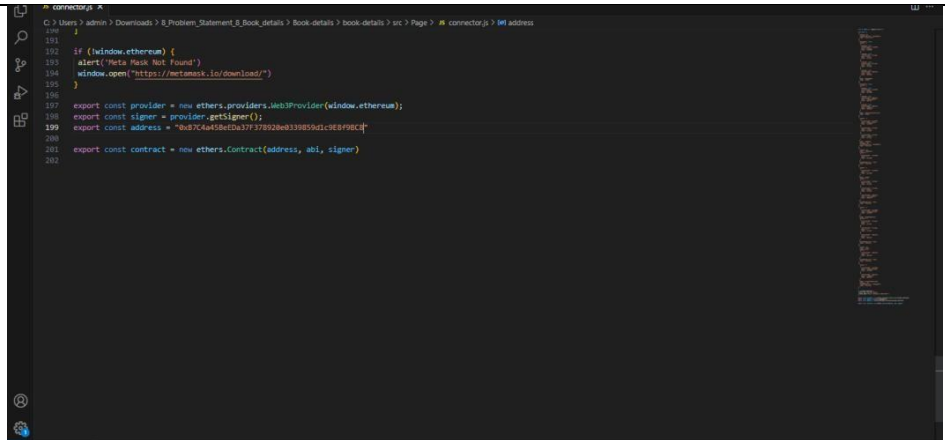
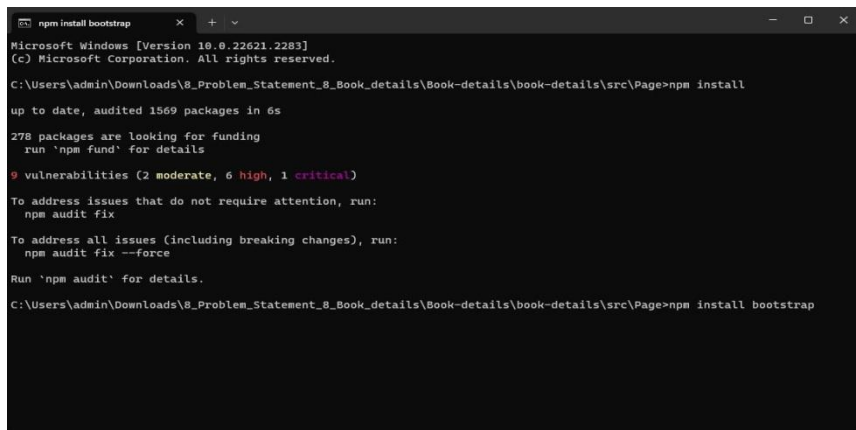
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15:38
22-10-2023

2	Extract the zip files	Open to vs code	 
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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 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, 0xProject ERC20, and OpenZeppelin ERC20. There are also 'Featured Plugins' for Solidity Analyzers, Cookbook, and Solidity. A 'Learn' section provides an introduction to the interface.</p> <p>The bottom screenshot shows the 'DEPLOY & RUN TRANSACTIONS' panel. The 'ENVIRONMENT' is set to 'Injected Provider - MetaMask'. The 'ACCOUNT' is 'Custom (00000 network)'. The 'GAS LIMIT' is set to 3000000 and the 'VALUE' is 0 Wei. The 'CONTRACT' is 'BookRegistry - BookDetails.sol'. The 'Deploy' button is highlighted. The right side of the panel shows the contract code in the editor, which includes a constructor, a modifier, and a mapping for books. A 'Connect with MetaMask' dialog is open on the right, showing the account 'Account 1 (0xb7c...9bc8) 0.2 MATIC' and buttons for 'Cancel' and 'Next'.</p>
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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">1.npm install2.npm bootstrap3. npm start	 <pre>100 // connector.js 101 102 if (!window.ethereum) { 103 alert('Meta Mask Not Found') 104 window.open("https://metamask.io/download/") 105 } 106 107 export const provider = new ethers.providers.Web3Provider(window.ethereum); 108 export const signer = provider.getSigner(); 109 export const address = "0x1C4a54080437775228a33285941c188498C1"; 110 export const contract = new ethers.Contract(address, abi, signer);</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>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>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>npm install bootstrap added 1 package, and audited 1569 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>npm start > book-details@0.1.0 start > 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: http://localhost:3000 On Your Network: http://192.168.71.166:3000</p> 

