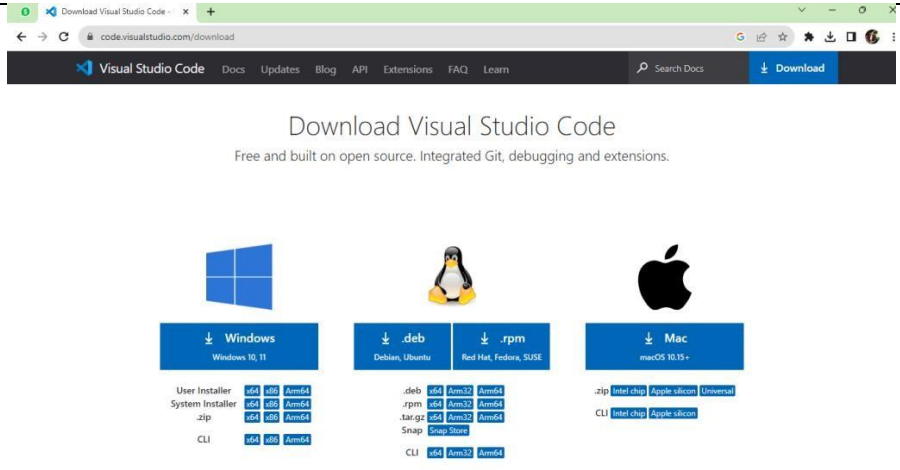


project Development Phase Model Performance Test

Date	25.10.2023
Team ID	NM2023TMID09618
Project Name Project -	Blockchain - Powered Library Management
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

HOMEABOUTDOWNLOADSDOCSGET INVOLVEDSECURITYCERTIFICATIONNEWS

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

33°C
Mostly sunny

Search

15:37
22-10-2023

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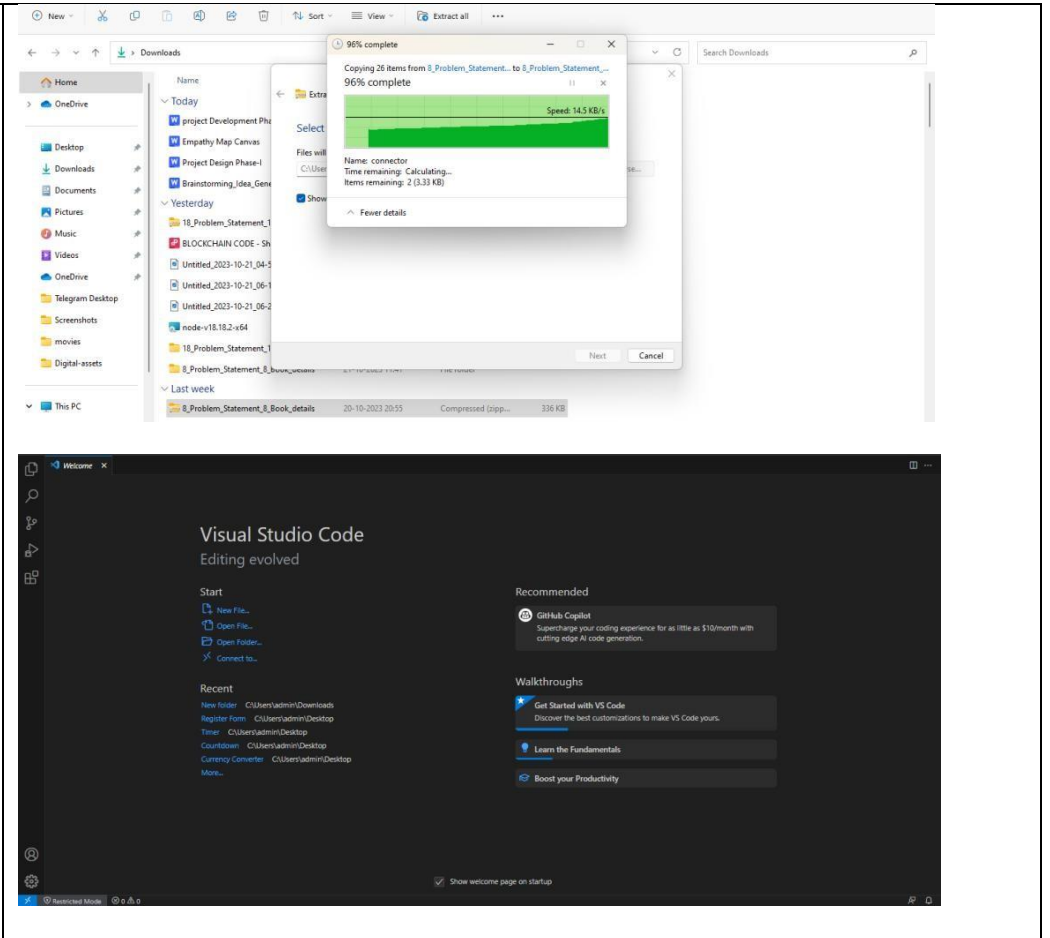
0.1221 ETH

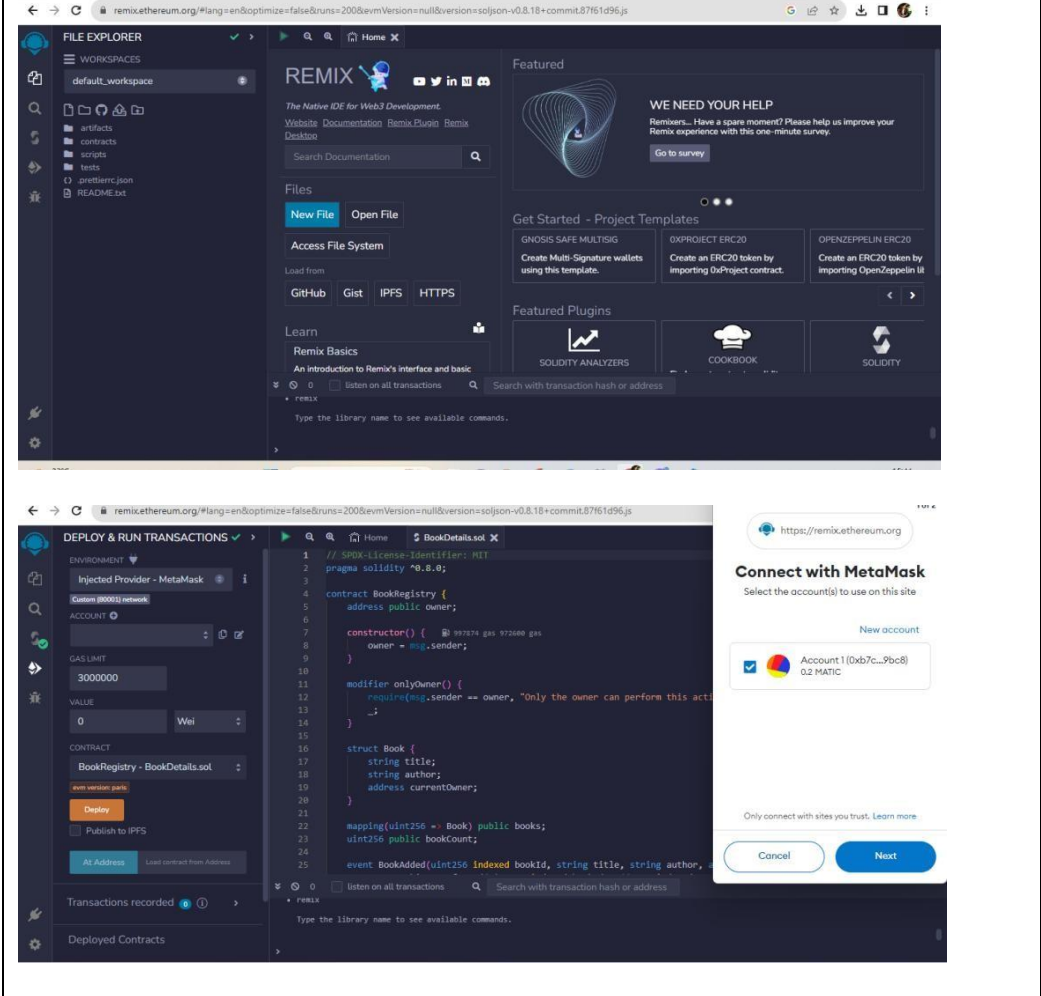
Activity

33°C
Mostly sunny

Search

15:38
22-10-2023

2	Extract the zip files	Open to vs code	 <p>The screenshot displays two overlapping windows. The background window is a Windows File Explorer showing the 'Downloads' folder. It lists various files, including '18_Problem_Statement_1', 'BLOCKCHAIN CODE - Sh', 'Untitled_2023-10-21_04-5', 'Untitled_2023-10-21_06-1', 'Untitled_2023-10-21_06-2', 'node-v18.18.2-x64', '18_Problem_Statement_1', '8_Problem_Statement_8_Book_details', and '8_Problem_Statement_8_Book_details'. A '96% complete' progress window is overlaid on top, showing a green progress bar and the text 'Copying 26 items from 8_Problem_Statement_1 to 8_Problem_Statement_8_Book_details'. The progress window also displays 'Speed: 14.5 KB/s' and 'Items remaining: 2 (3.33 KB)'. The foreground window is the Visual Studio Code 'Welcome' screen, which features the text 'Visual Studio Code Editing evolved'. It includes sections for 'Start' (New File..., Open File..., Open Folder..., Connect to...), 'Recent' (New folder, Register from, Tensor, Coursera, Currency Converter), 'Recommended' (GitHub Copilot), and 'Walkthroughs' (Get Started with VS Code, Learn the Fundamentals, Boost your Productivity). The status bar at the bottom shows 'Remote Explorer' and 'Show welcome page on startup'.</p>
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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 dashboard. The left sidebar contains a 'FILE EXPLORER' with a 'default_workspace' and files like 'artifacts', 'contracts', 'scripts', 'tests', '.prettierrc.json', and 'README.txt'. The main area displays the 'REMIX' logo and a 'Featured' section with a 'WE NEED YOUR HELP' survey. Below this is a 'Get Started - Project Templates' section with options to create multi-signature wallets or ERC20 tokens. The bottom section shows 'Featured Plugins' like 'SOLIDITY ANALYZERS', 'COOKBOOK', and 'SOLIDITY'.</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 sidebar shows a 'Connect with MetaMask' dialog with a 'New account' button and a list of accounts, including 'Account 1 (0xb7c...9bc8) 0.2 MATIC'. The main area displays the Solidity code for the 'BookRegistry' contract.</p>
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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> 