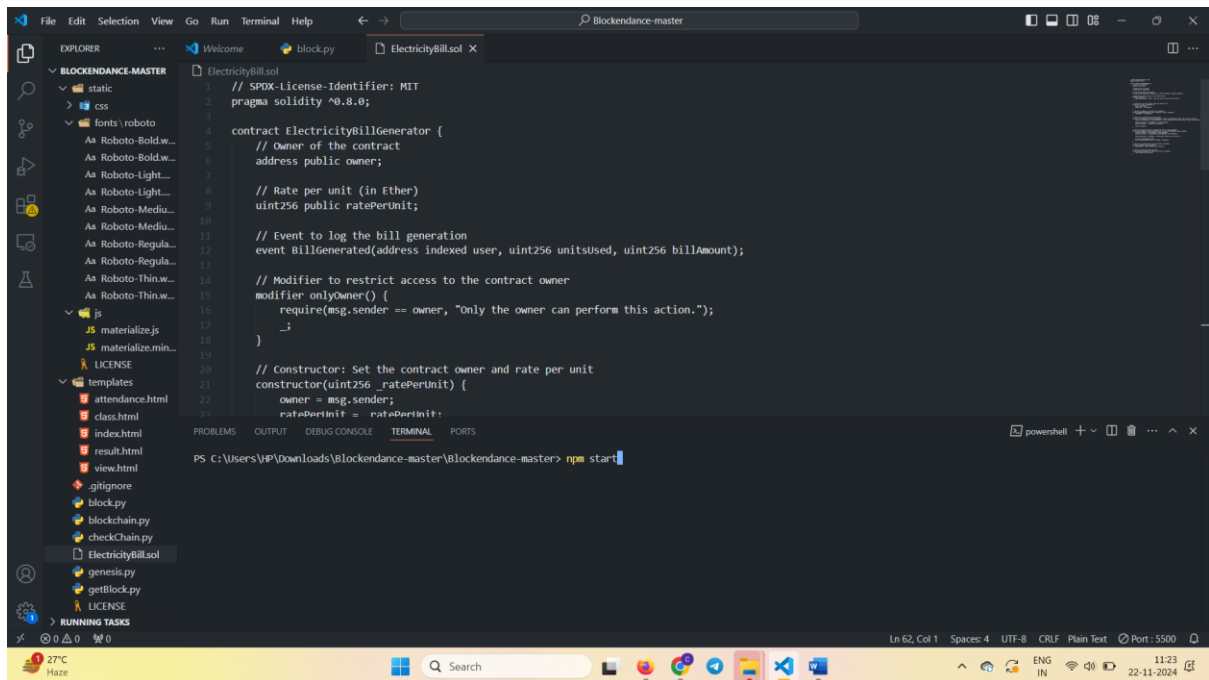


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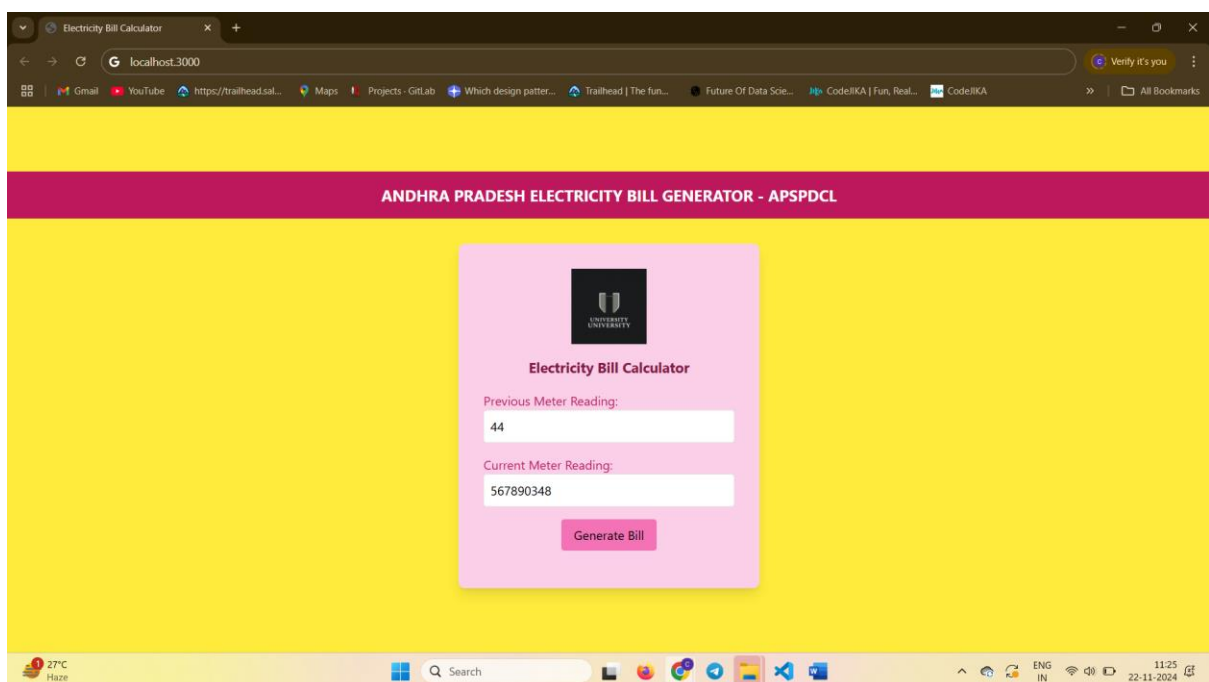
OUTPUT 1



```
1 // SPDX-License-Identifier: MIT
2 pragma solidity ^0.8.0;
3
4 contract ElectricityBillGenerator {
5     // Owner of the contract
6     address public owner;
7
8     // Rate per unit (in ether)
9     uint256 public ratePerUnit;
10
11     // Event to log the bill generation
12     event BillGenerated(address indexed user, uint256 unitsUsed, uint256 billAmount);
13
14     // Modifier to restrict access to the contract owner
15     modifier onlyOwner() {
16         require(msg.sender == owner, "Only the owner can perform this action.");
17     }
18
19     // Constructor: Set the contract owner and rate per unit
20     constructor(uint256 _ratePerUnit) {
21         owner = msg.sender;
22         ratePerUnit = _ratePerUnit;
23     }
24 }
```

PS C:\Users\JP\Downloads\Blockendence-master\Blockendence-master> npm start

OUTPUT 2



ANDHRA PRADESH ELECTRICITY BILL GENERATOR - APSPDCL

Electricity Bill Calculator

Previous Meter Reading:
44

Current Meter Reading:
567890348

Generate Bill

2200030023

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OUTPUT-3

