**Assignment no.5**

**Generating Electricity bill using Nodejs**

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**Design and develop a responsive website to calculate Electricity bill using nodejs. Condition for first 50 units – Rs. 3.50/unit, for next 100 units – Rs. 4.00/unit, for next 100 units – Rs. 5.20/unit and for units above 250 – Rs. 6.50/unit.**

**Assignment Description: Electricity Bill Calculator**

This assignment involves the design and development of a responsive website to calculate electricity bills using nodejs. The website includes a user-friendly form for entering details such as the month, consumer name, address, house number, consumer ID, and the total units consumed. The js script calculates the electricity bill based on predefined conditions:

For the first 50 units, the rate is Rs. 3.50/unit.

For the next 50 units (51 to 100), the rate is Rs. 4.00/unit.

For the next 100 units (101 to 200), the rate is Rs. 5.20/unit.

For units above 200, the rate is Rs. 6.50/unit.

The HTML form is styled for a clean and modern look, and the js script processes the form data, performs the calculation, and displays a formatted electricity bill. The generated bill includes details such as the month, consumer name, address, house number, consumer ID, total units consumed, and the total electricity bill. The presentation of the bill is designed to resemble a professional and organized document, enhancing the user experience.

**RESULTS:**



