
Electricity Billing Sysytem

Priyanka Kandukuri...

Introduction:

Electricity Billing System is a software-based application developed in Java programming language. The project aims at serving the department of electricity by computerizing the billing system. It mainly focuses on the calculation of Units consumed during the specified time and the money to be paid to electricity offices.

Details added in the form:

Customer ID

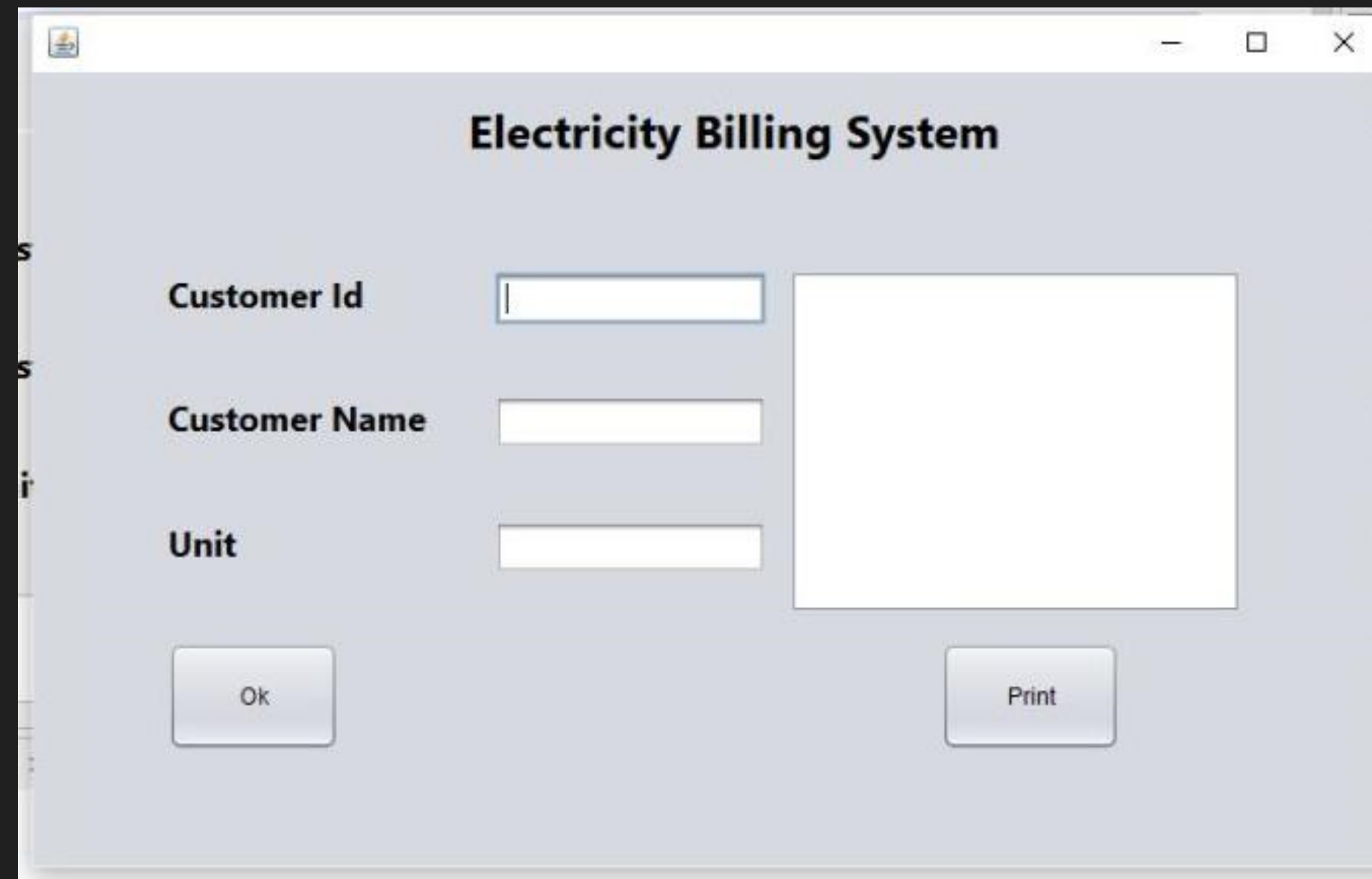
Customer Name

Units

In netbeans we need to create a new project.And we need to select the JFrame Form .

In that from the palette by using labels,buttons ,txt feilds and the txt area we need to create a form.

Form Design:



The image shows a screenshot of a software window titled "Electricity Billing System". The window has a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area is light blue and contains the following elements:

- Customer Id**: A text label followed by a single-line text input field.
- Customer Name**: A text label followed by a single-line text input field.
- Unit**: A text label followed by a single-line text input field.
- A large, empty rectangular box to the right of the input fields, likely intended for a receipt or additional information.
- Ok**: A button located at the bottom left of the form.
- Print**: A button located at the bottom right of the form.

We need to add the units and charge per unit .

Unit	Charge/unit
upto 500	1.00
500 and above but less than 600	1.80
600 and above but less than 800	2.80
800 and above	3.00

We need to create the variables

```
String cid;  
double charge,gramount;  
int count;
```

And we need to add the units and charge per units.

We need to calculate the units in ok button.

And we need to create the method print.

By this it will generate the bill.

By running the code we get the form.

And we need to add the details of customer like customer id, customer name and units.

By clicking ok it will generate the bill.

And we can take the print.

After adding details

The screenshot shows a Java Swing window titled "Electricity Billing System". The window has a light blue background and contains the following elements:

- Customer Id:** A text input field containing the value "121".
- Customer Name:** A text input field containing the value "Priya".
- Unit:** A text input field containing the value "555".
- Summary Box:** A white rectangular box on the right side of the window containing the following text:
 - Electricity Billing System
 - Customer ID : = 121
 - Customer Name : = Priya
 - Unit : = 555
 - Amount : = 1554.0
 - Thank You Come Again
- Buttons:** Two buttons at the bottom: "Ok" on the left and "Print" on the right.

Thank You

