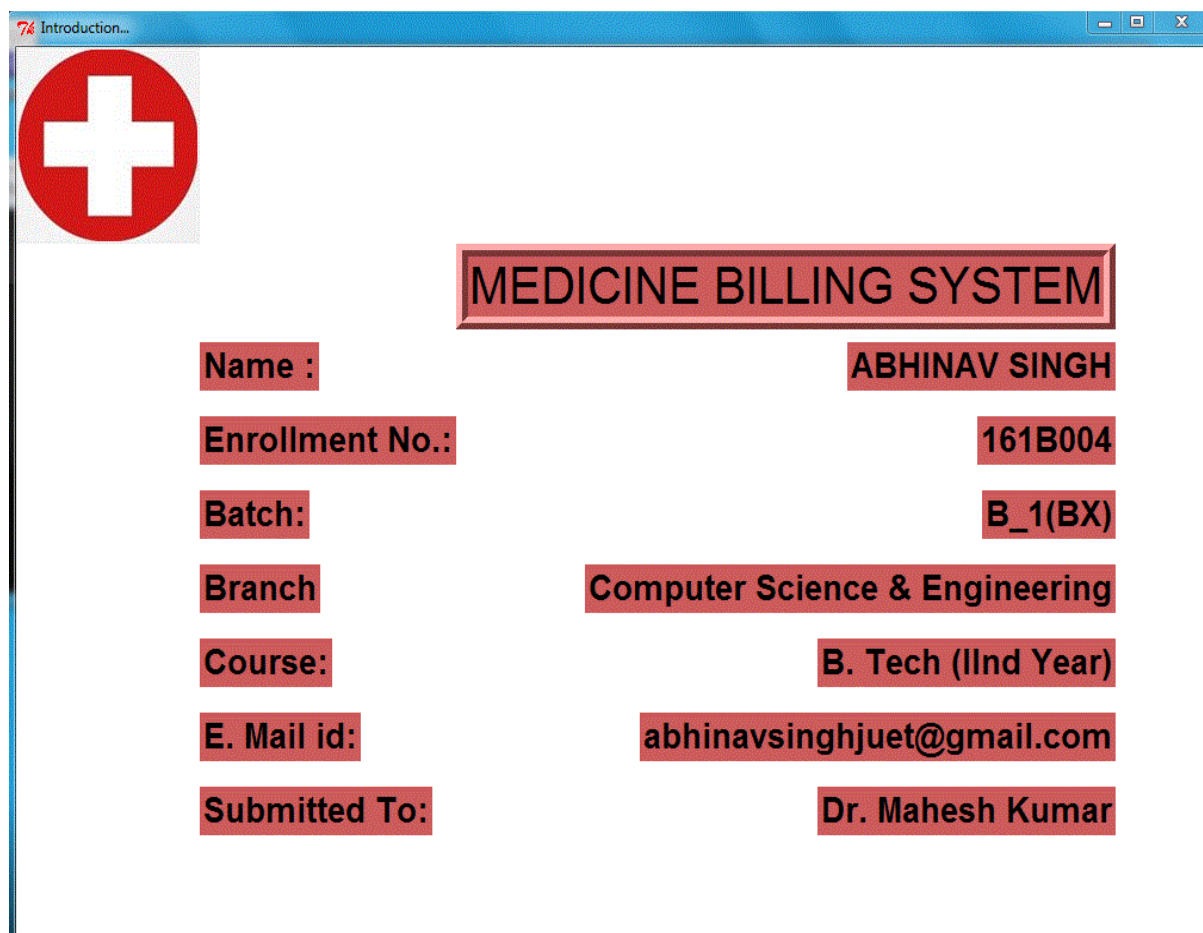


MEDICINE BILLING SYSTEM

The project is designed on the Python Programming Language 2.7.10
The objective of the project is to develop a concept and to get acquainted with the basics of the Python GUI.

The Python Project is a Billing System for medicines. The very first window of the project that appears on the opening is a splashscreen containing the Title of the project and all the relevant information of the the project maker.

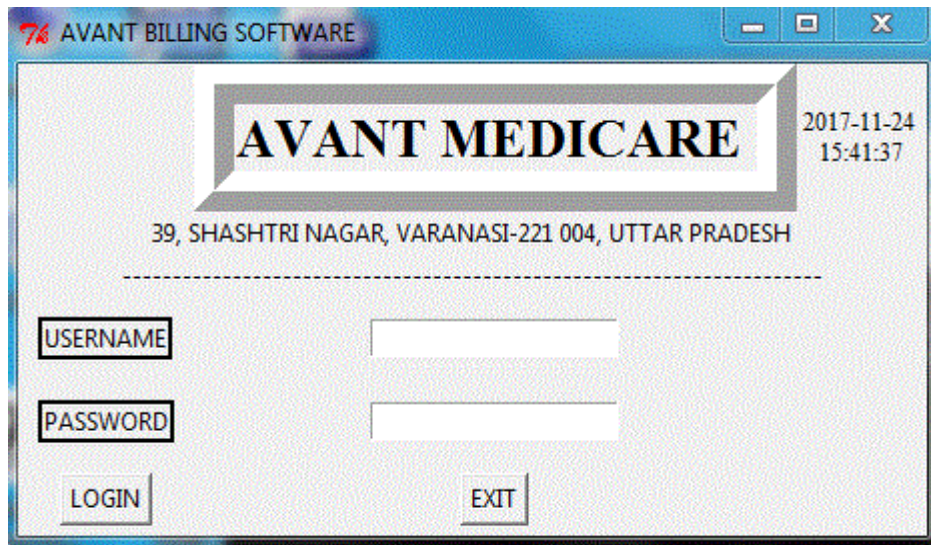


The splash screen disappears automatically after 7000msec.

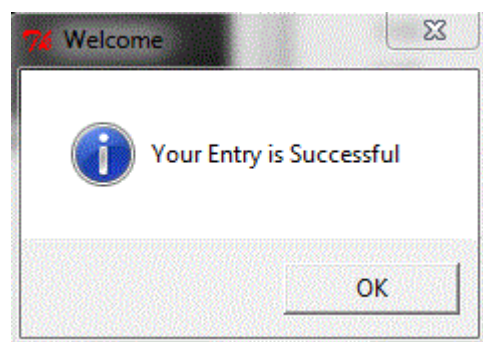
Then another window of the project appers. The new window is the login window which asks the user to enter the username and the password.

USERNAME:- admin

PASSWORD:- 11

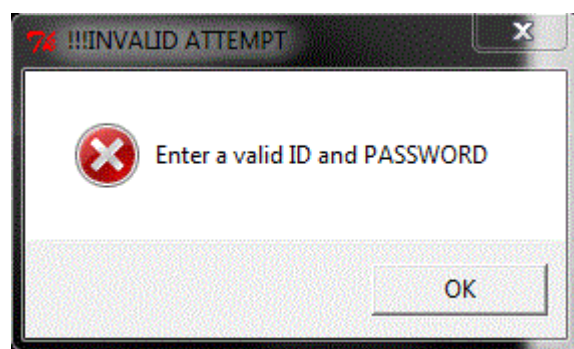


The window contains two labels Username and Password and two textbox to take the corresponding entry from the user. There are two buttons specified as LOGIN and EXIT. On entering the relevent username and password as specified earlier a new message box appears



On clicking on the OK button of the message box a new window appears.

If we enter wrong username or password an error message is displayed as



On entering a correct username and password a new window appears as

The screenshot shows a Java Swing window titled "SALES INVOICE" with a blue header bar. The window contains three main frames:

- Customer Details Frame (Left):** Contains input fields for "Cutomer Name", "Customer Mobile", "Gender" (with radio buttons for MALE and FEMALE), and "Customer's Doctor Name".
- Product Details Frame (Right):** Contains input fields for "Batch No", "Quantity", "Medicine Name", "Price", and "Expiry". It also has "NEW" and "ENTER" buttons.
- Main Bill Frame (Bottom):** Contains a table with columns: Batch No, Medicine Name, Price, Expiry, Quantity, and Total Price. Below the table are buttons for "Print Bill", "EXIT", and "Calculate Total". There is also a checkbox for "Home Delivery @ 200". To the right of the table, there are labels for "Total Price", "GST @ 12%", "Discount", and "To pay Rs.".

This window contains three frames as

frame1---Customer Details

frame2----Product Details

frame 3----Main Bill

Frame 1:-

This is the frame containing the details of the Customer buying the medicines. The frame contains the information such as Customer Name which should be entered in alphabetical form. The Customer mobile number should be a number. The Customer name must be selected from the radio button mentioned as Male and Female.

Customer Details	
Customer Name	Ankur
Customer Mobile	985647123
Gender	<input checked="" type="radio"/> MALE <input type="radio"/> FEMALE
Customer's Doctor Name	Dr. Sehgal

Frame 2:-

Product Details	
Batch No	12-73
Quantity	8
Medicine Name	METROGYL
Price	Rs.35.0
Expiry	14-OCT-2020
<input type="button" value="NEW"/>	<input type="button" value="ENTER"/>

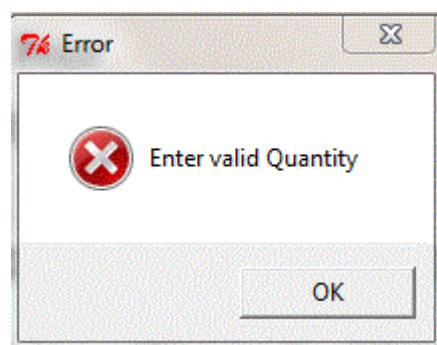
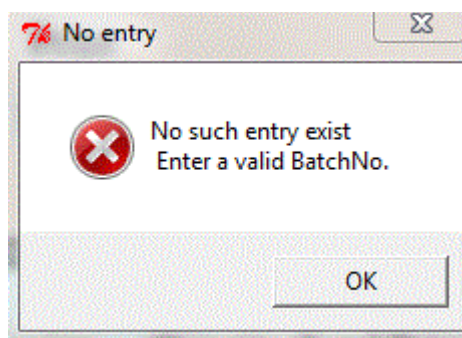
This frame contains the information of the medicine which the user is currently billing. All the information of the bill has been stored in a med table of a database named med. In the table the information stored is

- Batch no. of the medicine which is a primary key
- Medicine Name
- Price of the medicine
- Expiry date of the medicine

As soon as the user enters a valid Batch No. of the medicine **(12-66,12-67,12-68,12-69,12-70,12-71,12-72 are valid Batch Nos.)** and **quantity in integer form** and presses the Enter button in the frame 2 all the information regarding the medicine gets retrieved from the database and gets stored in the respective labels in Frame-2 and Frame-3.

As soon as the user presses the new button all the text boxes and labels in frame 2 get cleared and now the user can enter the batch no of the new medicine and quantity of the new medicine and the information of that medicine get into the corresponding labels in Frame 2 and a new row containing all the information of that medicine gets stored in a new row in Frame 3.

If a user enters an invalid Batch No. Which is not stored in database or does not enter a quantity error messages are displayed as follows:-



Frame 3:-

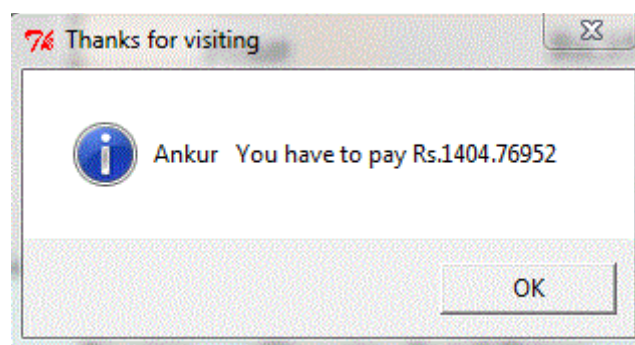
BILL No.	11					
*	Batch No	Medicine Name	Price	Expiry	Quantity	Total Price
*	12-67	Finemox-AV	Rs.55.65	14-JUL-2020	5	Rs278.25
*	12-71	OFLAKEM	Rs.66.85	14-APR-2020	8	Rs.534.8
*	12-73	METROGYL	Rs.35.0	14-OCT-2020	8	Rs.280.0
<input type="button" value="Print Bill"/>			<input type="button" value="EXIT"/>		<input type="button" value="Calculate Total"/>	
<input checked="" type="checkbox"/> Home Delivery @ 200			Total Price		Rs1293.05	
			GST @ 12%		Rs155.166	
			Discount		Rs43.44648	
			To pay Rs.		Rs1404.76952	

As soon as the user enter the enter button in Frame 2 all the informations gets stored in the Frame 3.

The frame 3 contains a checkbox as Home Delivery if the checkbox is clicked an addition to the total price is done by Rs. 200. The total price in the Frame 3 gets stored in the label by multiplying the price of the medicine stored in the database with the quantity entered by the user in Frame-2.

The Calulate Total button calculates the total price of all the medicines and then calculates The GST @ 12% and Discount on the basis of the total price and then the final price to be paid by the user and then gets stored in the corresponding Labels.

The Print Bill Button show a message as



And the the Exit Button finally Exits all the window.