

Working of our project cash counter assistant:-

This Application visualises the cash flow that takes place in business.

In any business sales, three things happens

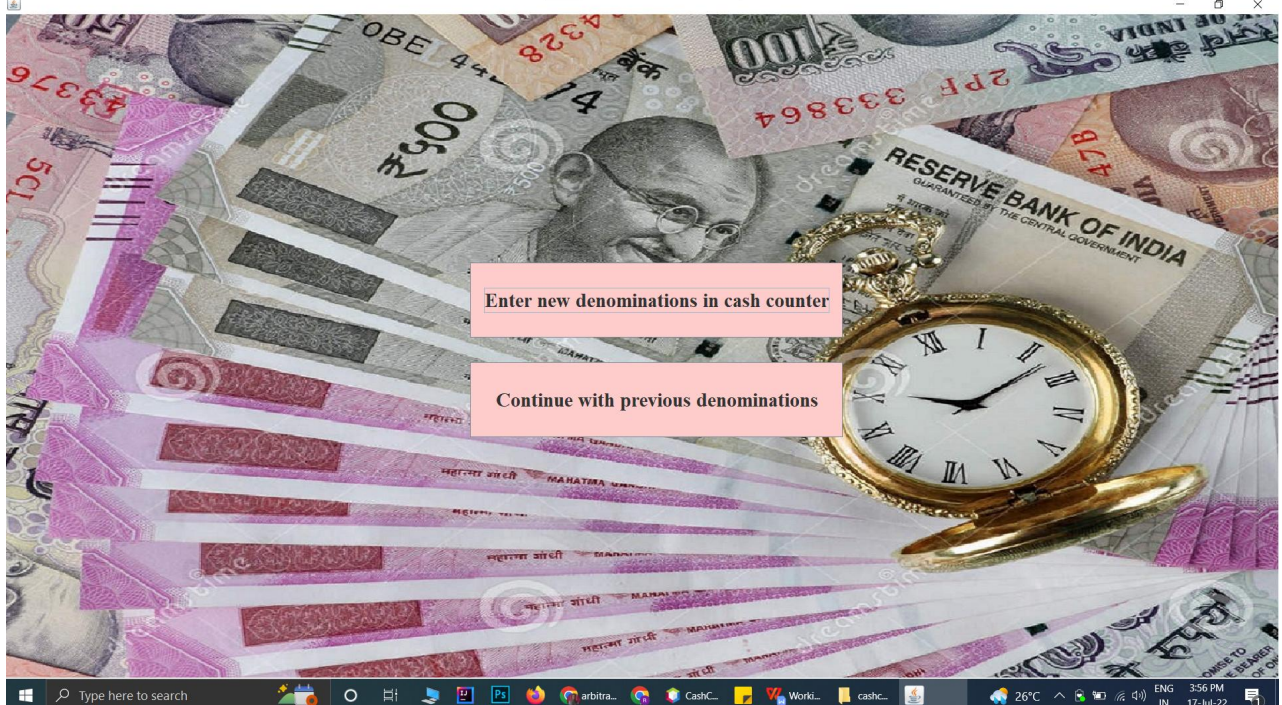
- 1) Customer purchases any item and invoice amount is calculated
- 2) Customer gives cash(we say it as input amount in our application)
- 3) Charge back amount is calculated and given back to the customer.

Here in our application, instead of computing just the charge back amount, the application provides a graphical output mentioning the each denominations to be given back the customer as below.

Consider an arbitrary customer who has given a Rs 500 note and purchased an item of Rs 300.

Execution/ Running the application:-

1) Opening the application

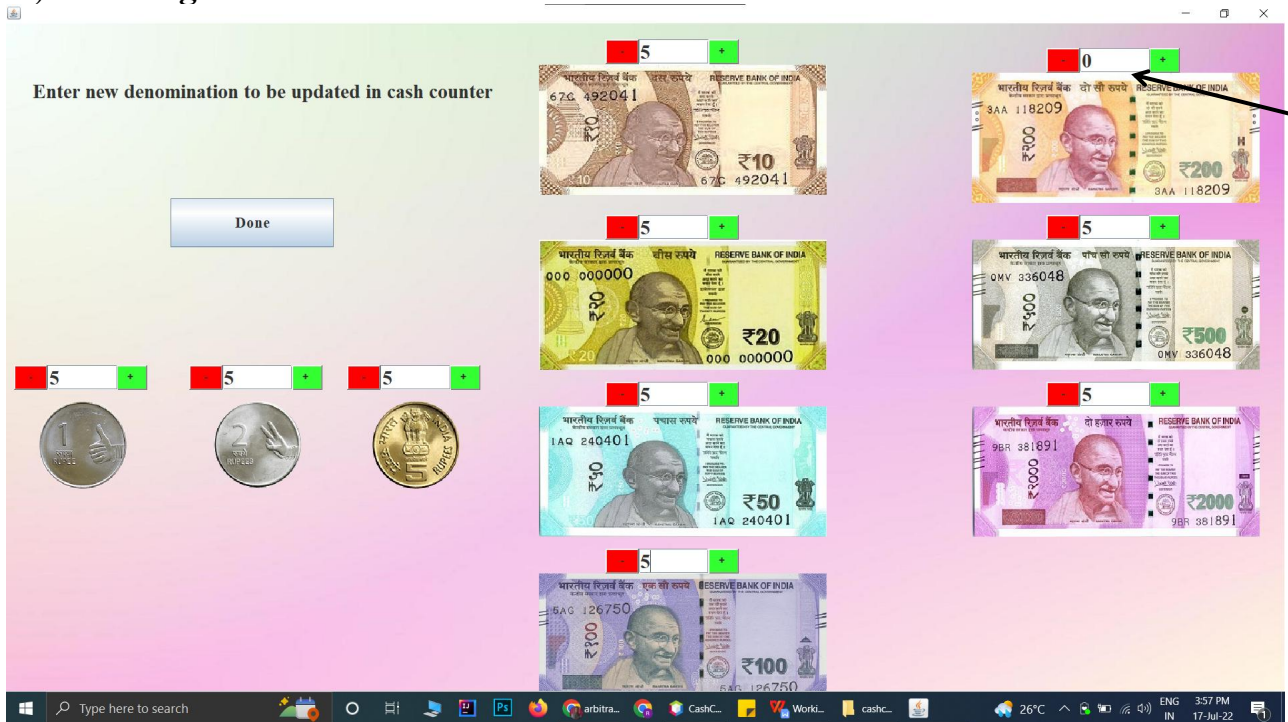


After opening the application for the first time we get two options

- 1) Enter new Denomination in cashcounter
- 2) continue with previous denominations

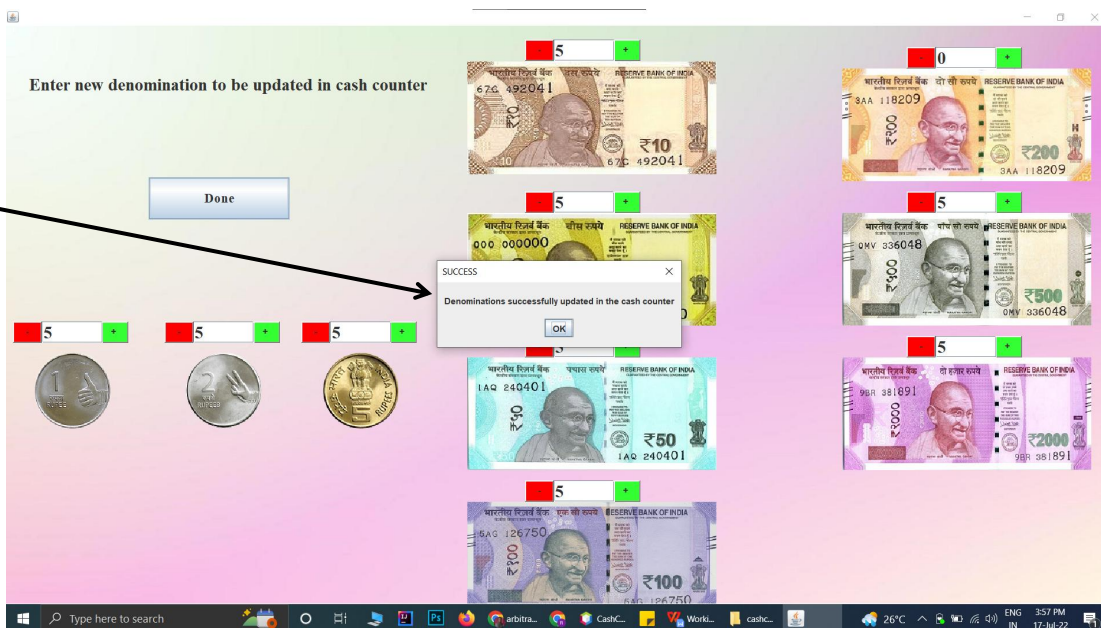
Lets select the 1st option to enter deniminations available in the cash counter.

2) Entering number of denominations in our cash counter.



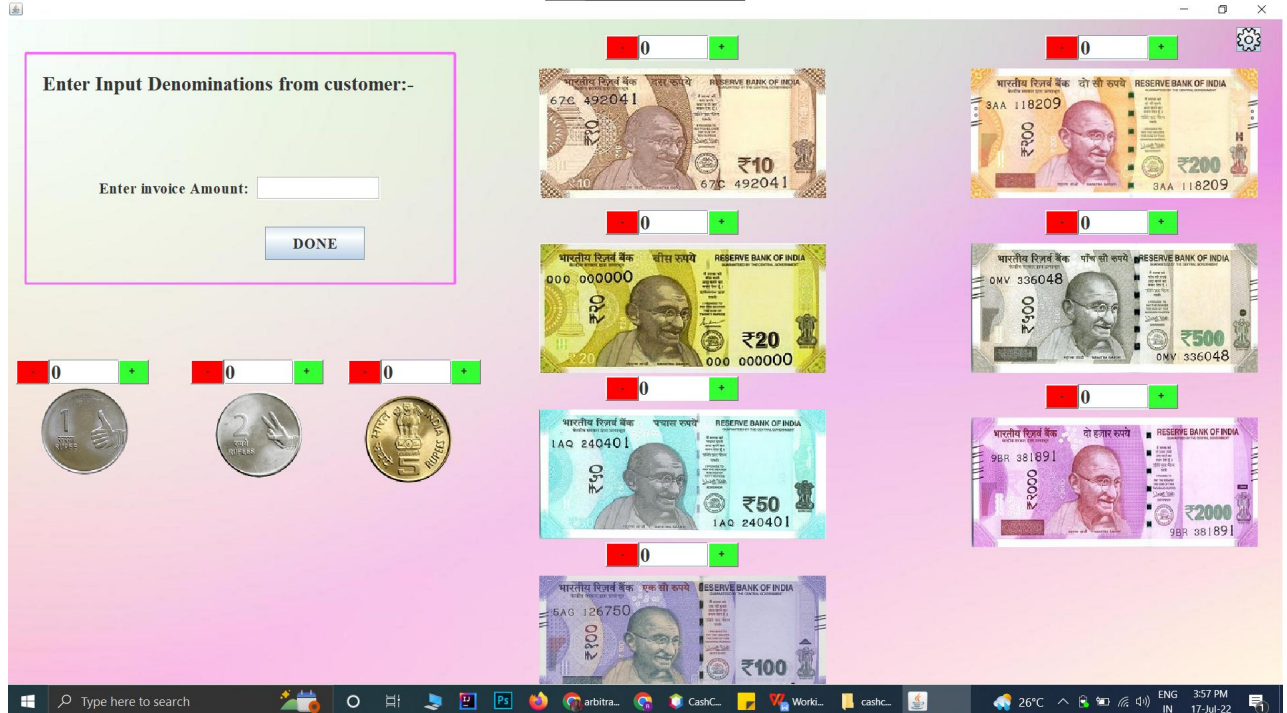
Here on this screen we enter the number of denominations that our cash counter have

Let us enter that our cash counter have 0 notes of Rs200 denominations and 5 notes of all other denominations. - as seen in the above image.

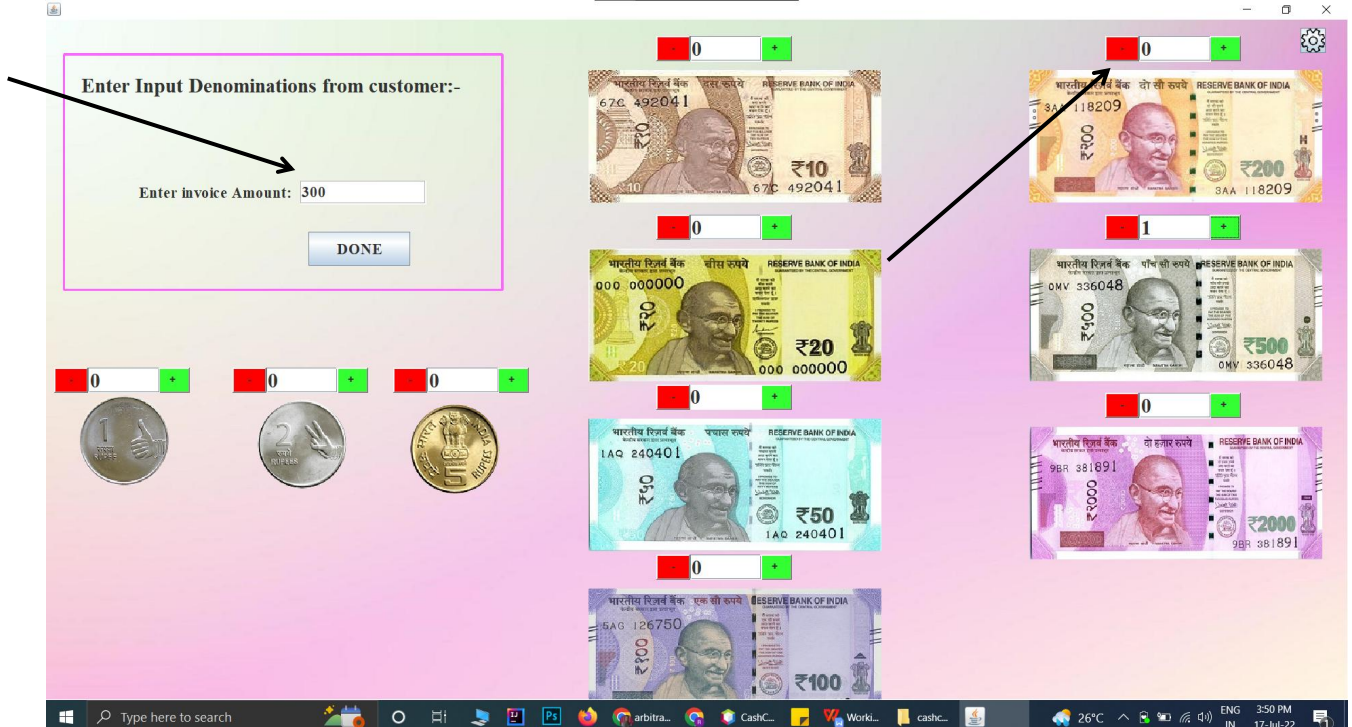


Now denominations has been successfully updated.

3) Now we are on the input page where we enter the input denominations that we received from customer and the invoice amount

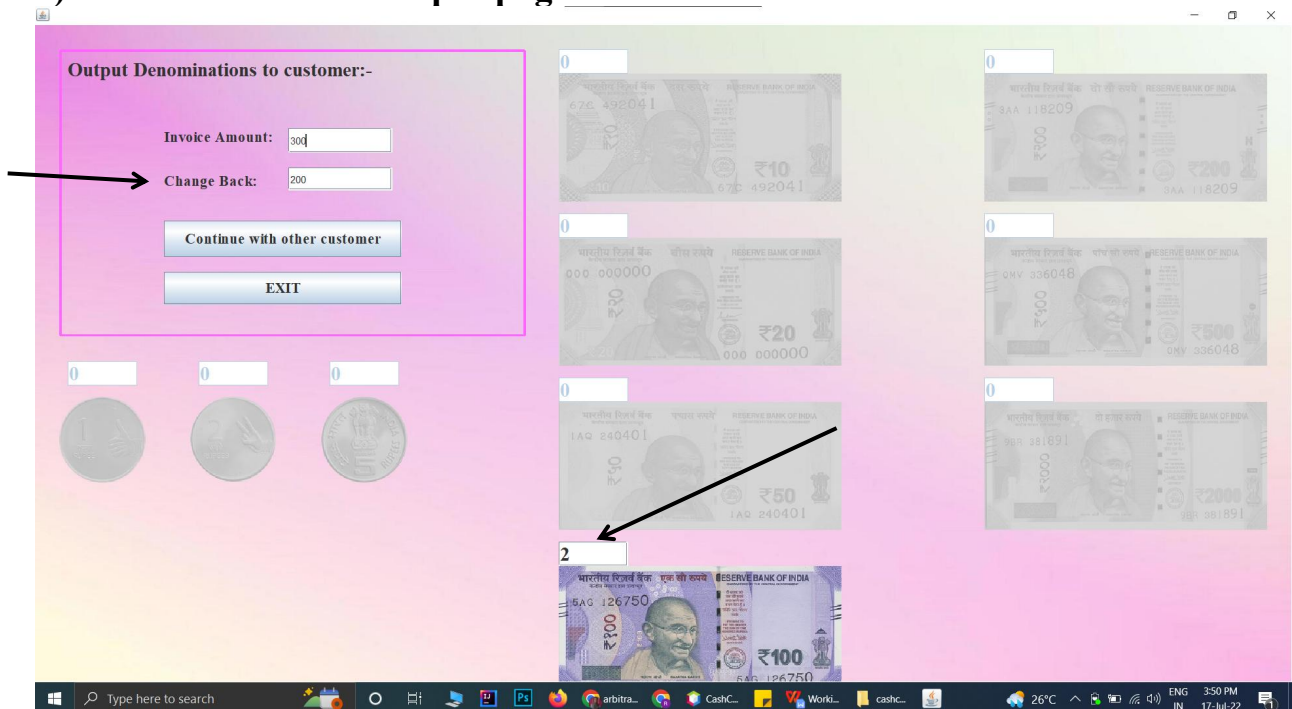


Let us say that customer has given us a 500 Rupess note and has made a purchase of Rs300.



After clicking on done, we are directed to output page.

4) Now we are on the output page



Now on the output screen we see that the change back amount is Rs200(i.e 500-300) and the output denomination that needs to be given back to the customer is two notes of rupees 100.

The output denomination is two notes of Rs100 denomination instead of a single note of Rs200 denomination, because while entering the “available number of denominations in the cash counter” we entered that our cash counter has 0 notes of Rs200 denomination.

Hence the application computes the output denomination by keeping the number of available denominations in our cash counter.