**Task :- Cash Registry System (CLI). Date – 29/07/2025**

**1) Description:**

* Cash register makes regular User transactions. It Will keep Store Basic user Data and will update on new purchase if user has needed wallet balance.
* There will be two types of discount to Users if its weekend then User will get 30% discount on all transactions and there is coupon code “OFF30%” it will give users more 30% of discount.
* Users have some basic data like name, number, phone number, transaction History, max/min transaction amount, last purchase timestamp and Wallet balance.
* The transaction will only take place if user has equal or more than the transaction amount after the taxes.
* All the data of users will be saved in “user\_data.json” File in current working directory.

**2) Implementation:**

* Cash registerer will have to first select the user. And then add items user has purchased. After all items are added user checkout will be done.
* In user checkout the discounts will be applied and after discount tax amount will be added and then a transaction is created which will be used to update user data
* User data is stored in a json file in current directory if the file does not exists then a new file will be created and after that data will be written to the file
* If the file already exists then data of that file will be retrieved and then we will iterate threw that user data and find if the user has any past transactions if there are past transaction then we will add new data to the existing data.
* If no past transaction found of the user, then new user will be added to the list.
* The new updated data will be written back to the file.

**3) Sample File Data ( User\_data.json ) :-**

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