Laundromat LMS Project
(You can also go through the code will take 20-30 mins max)
This project has 5 classes. The summary of these 5 classes are as follows:

1.Washplan Class Summary

- Represents a laundry plan with attributes for cost, number of washes, code, and maximum weight.
- Provides a `toString()` method to display plan details.
- The class is designed to encapsulate information about a laundry plan.

2.Wash Class Summary

The Wash class represents a single laundry item or order with the following attributes:

- **date:** Date of the wash
- **weight:** Weight of the item
- **washed:** Boolean indicating if the item is washed
- **delDate:** Delivery date (calculated as 5 days after the wash date)
- **collected:** Boolean indicating if the item is collected
- **price:** Base price
- **extraprice:** Additional charges

    Key Points:

- The class encapsulates data related to a single wash.
- The class includes a constructor that takes a date string and weight as input, initializes the object's properties, and calculates the delivery date.

3. User - Has data about user(name, which washplan he has,his idnum, his hostel and a arraylist of washesl). It has a few methods:

- Constructor: Initializes user with name,id,wahplan and hostel.
- Addwash(wash w) - adds a wash to the arraylist of washes in user and updates the total charges and adds extra charges if the weight increases over max weight.

4. Hostel - Has prperties of a hostel, its name,default dropdate, earnings. It has a few methods:

- Constructor - Initilaizes hostel with name ,default dropday as monday and earnings as 0.
- editDrop(String day) - Changes the default drop day to the cureent drop day.

5. Main- Some global variables, (USers,wasplans and hostel).This class has many functions:

- User login(int n) - Checks if user with that id exists or not,if not adds the new user (if the user wants to be added) initializing it with his name,hostel and washplan.

- drop() - First the user logins and then it takes the drop details(day and weight) for a wash for a user and adds it to the arraylist of washes for the user
- lastDropped() - First a user logins,then it checks if the previous wash is out for delivery,in wasing or already collected. Basically tells the state of the wash.
- printDetails() - prints all the details of the user(name,hostel,.all the details of its washes,total charges)
- recieve() - indicates that drop is received by the user.(Changes the status of the wash to collected)
- adminLogn() - Asks the user to enter admin username and pasword to allow it to login and give access to admin console
- washdetail() - First a user logins,then it checks for a particular wash on a specific drop date, if it is out for delivery,in wasing or already collected. Basically tells the state of the a specific wash for user.
- changeStatus() - First a user logins,then it checks for a particular wash on a specific drop date, and changes it state to the one entered by user.(washed or collected)
- schedule() - To schedule a delivery by changing the dropday and time for a specific hostel.