A logo with text on it

Description automatically generated

UNIVERSITI TEKNOLOGI MARA (UiTM)

CAWANGAN KEDAH, KAMPUS SUNGAI PETANI

SCHOOL OF INFORMATION SCIENCE

COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS

DIPLOMA IN INFORMATICS LIBRARY [CDIM144]

PROGRAMMING FOR LIBRARIES [IML208]

INDIVIDUAL PROJECT: MOVIE TICKET BOOKING SYSTEM

PREPARED BY:

|  |  |
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**ACKNOWLEDGEMENT**

Assalamualaikum w.b.t

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**PROJECT NAME:** Movie Ticket Booking System

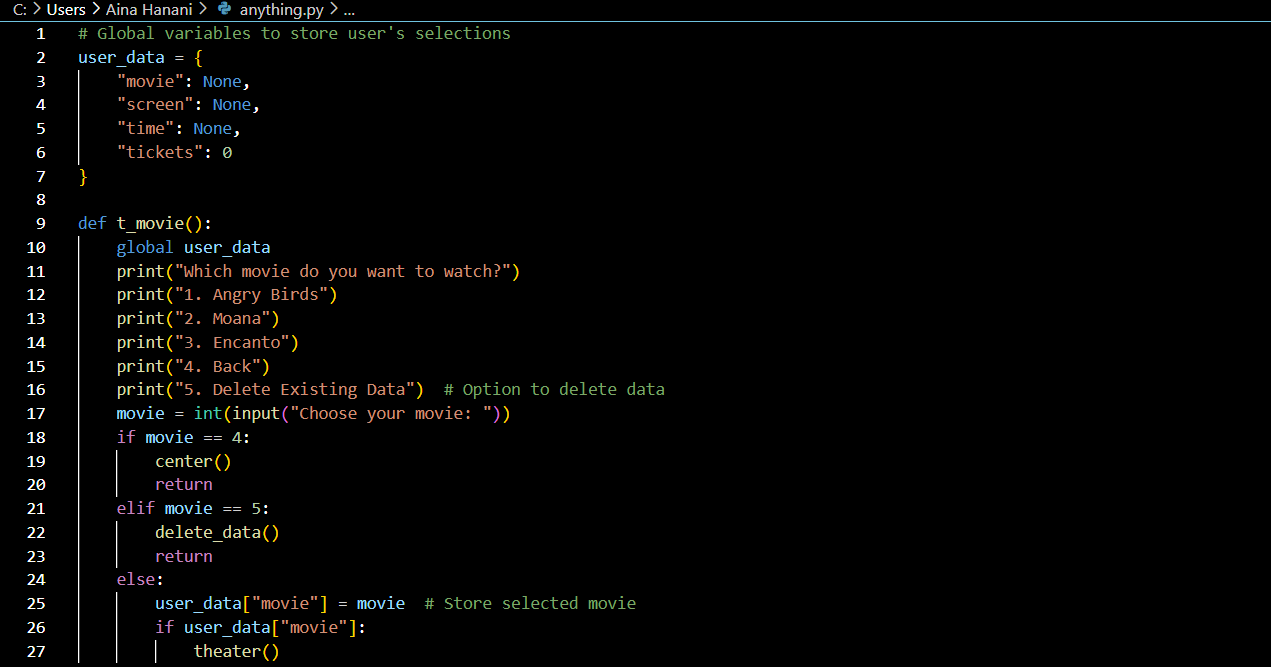
**FILE NAME:** MovieTicketBooking.py

**PROMPT DATA**:

1. City: Kuala Lumpur, Kuala Selangor, Sungai Petani
2. Eligibility category price: adult price, student price, senior price
3. Movie name: Angry birds, Moana, Encanto
4. Screen: screen1, screen2, screen3, screen4
5. Time: time1, time2, time3

**FUNCTION**:

1. Create data



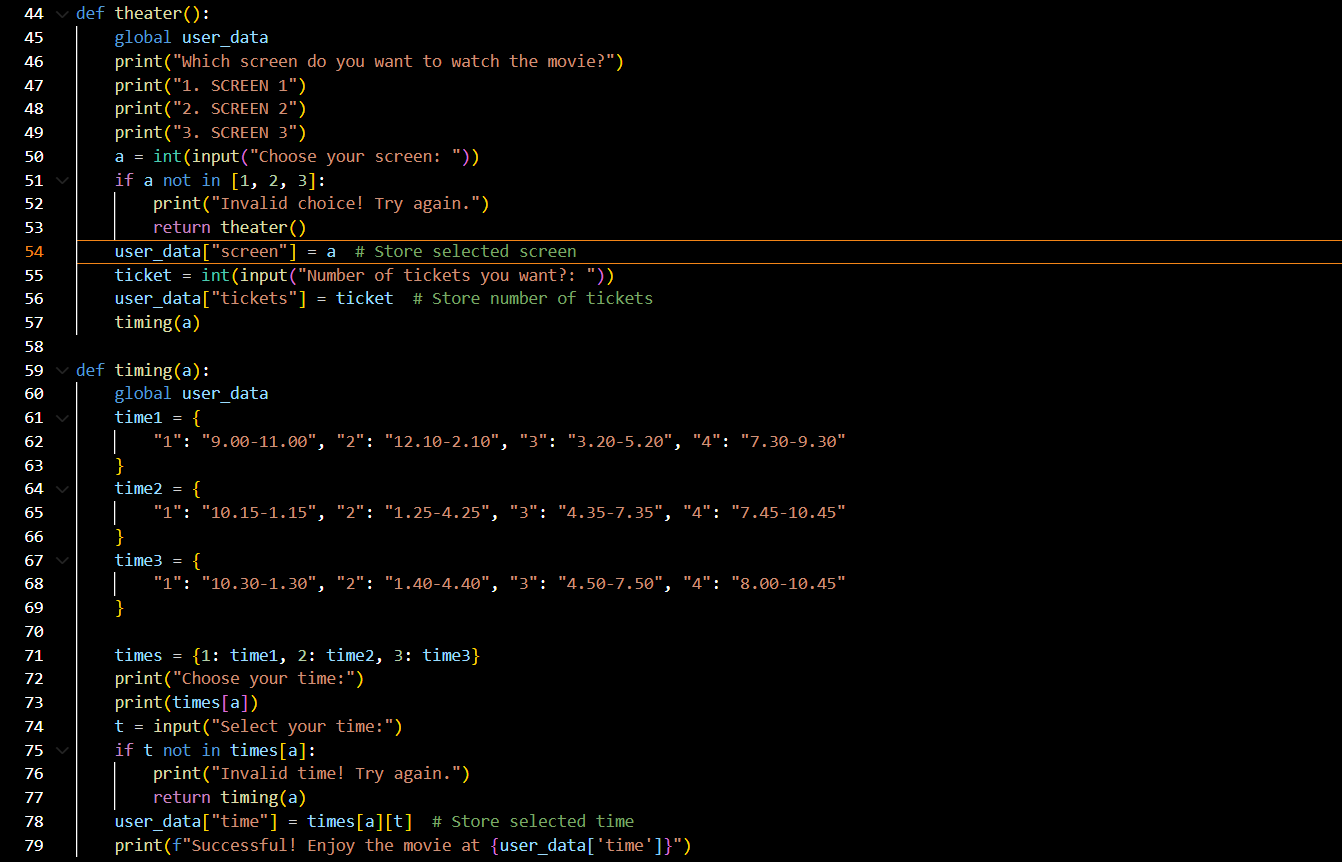
1. Read data

A screen shot of a computer

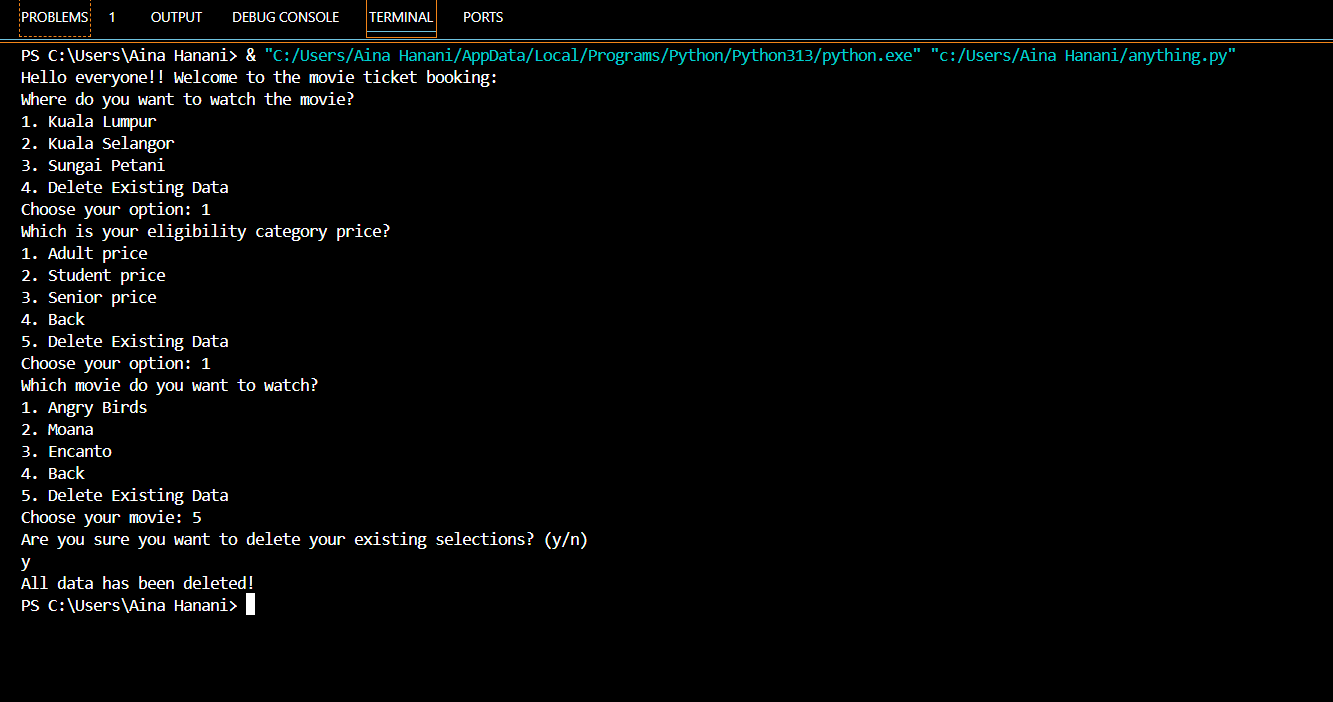
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1

1. Update data



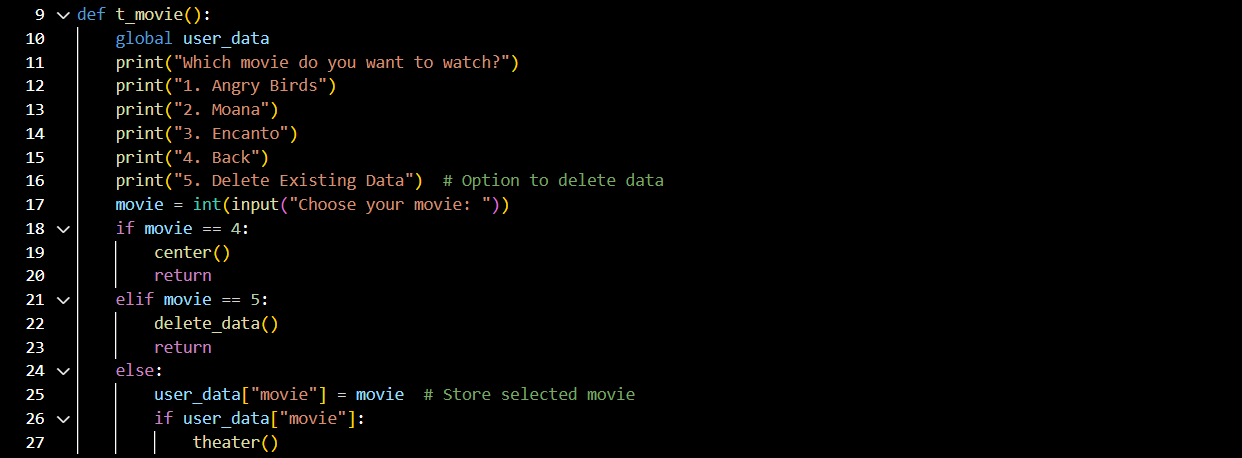
1. Delete existing data



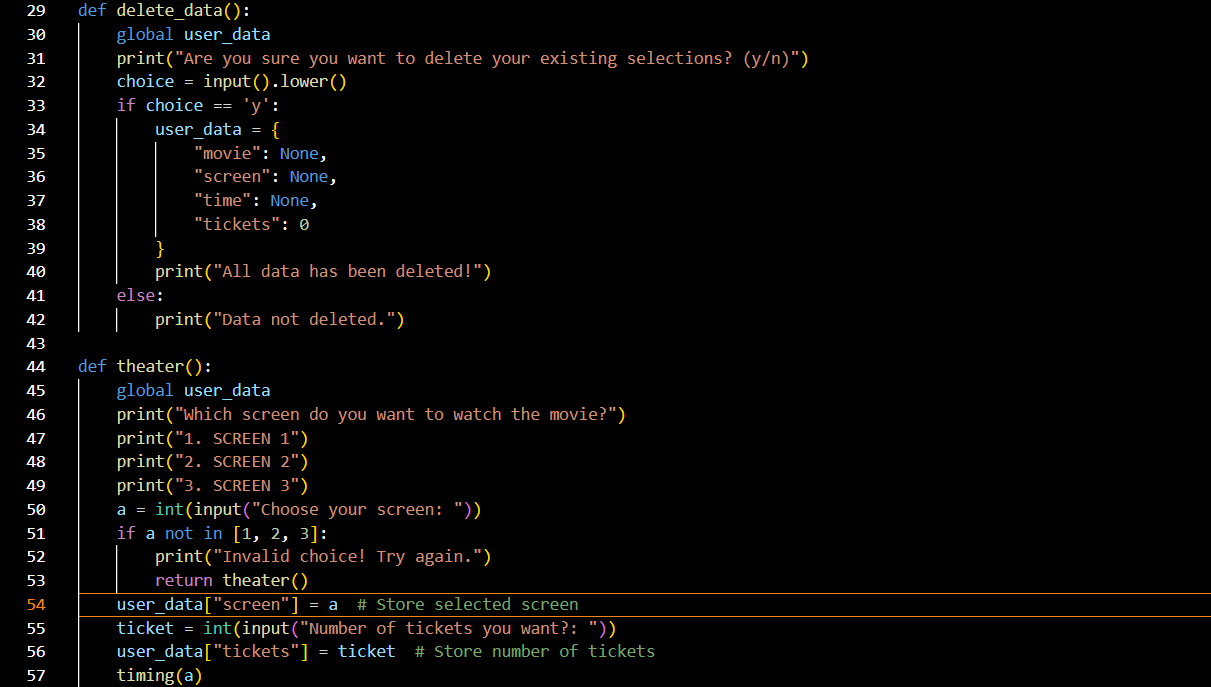
2

**CONDITIONAL STATEMENT:** Yes

1.



2.



3

3.

A computer code on a black background

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4.

A screen shot of a computer program

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4

**GUI**: No

**RESULT:**

A screenshot of a computer

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**STRENGTH:**

1. Movie ticket booking system can access 24/7 without needing to visit the theatre.
2. Cinema operators provide to manage showtimes, ticket eligibility and seat occupancy more effectively.
3. Provides detailed information on ticket sales, popular showtimes and revenue trends, and aiding in better decision-making.
4. E-ticket and digital booking can reduce the need for physical tickets and helping to minimize paper waste.
5. Movie ticket booking system allows for better management of ticket pricing, where prices can fluctuate based on demand, location or time of day.

5

**KAIZEN (ROOM FOR IMPROVEMENT):**

1. Provide an option for auto-suggest feature that allow users to search bar for get faster movie title, theatre or showtime lookup.
2. Provide various options to payment like integrating Google Pay or Apple Pay.
3. Display more seat selection map with clear indicators for selected a seat available and reserved.
4. Provide alerts when a movie ticket that user interested is close and selling out.
5. Offer a comprehensive FAQ section effectively to solve problems about address common issue such as payment failure and login problem.

6

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