Library Fees

Purpose

To test the ability to write appropriate conditional expressions using relational and logical operators as well as print formatted output.

Directions

PART A (Due by end of first lab session)

Write a program to determine the late fee for a book returned to a library. If the book is 5 days or less overdue, the fine is $1.00. If the book is 6-10 days overdue, the fine is $5.00. If the book is more than 10 days overdue, the fine is $10.00.

Your program should prompt the user for number of days late and display the fine owed with a corresponding message.

PART B

Implement a system for VIP members of the library. If the user is a VIP member, they are charged half of the fine. After prompting the user for the number of days late, prompt them to ask if they are a VIP member, and if they are, apply the appropriate fee discount.

Fee table:

Days Late	Fee Non-VIP	Fee VIP
5 or less	$1.00	$0.50
6 - 10	$5.00	$2.50
more than 10	$10.00	$5.00

Examples

```
Enter number of days late: 4
Are you a library VIP (yes / no)? yes
Late fine is $0.50 for 4 days late

Enter number of days late: 6
Are you a library VIP (yes / no)? no
Late fine is $5.00 for 6 days late

Enter number of days late: 12
Are you a library VIP (yes / no)? yes
Late fine is $5.00 for 12 days late
```

```
Enter number of days late: 10
Are you a library VIP (yes / no)? no
Late fine is $5.00 for 10 days late
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