

1. print the following characters in given format

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      *
    * *
  * * *
* * * *
* * * * *
  * * * *
    * * *
      * *
        *
```

2. read input from console (use scanner from java util package)

read username and password

check if given name and password is admin then show "login is successful" else "login is denied"

3. given an 3X3 array {{1,3,2},{6,4,5},{7,4,8}} print the right and left diagonal values {1, 4, 8, 7, 4, 2}

4.

create a class User with variable balance.

accept input from user for option (debit (D)/credit (C)):

Case 1:

if user chosen option is "C" add amount to user balance

if the amount entered is less than 0 display error message "amount cannot be negative"

Case 2:

if user chosen option is "D" debit the amount from user balance

if the amount entered is less than 0 display error message "amount cannot be negative"

if the amount entered is less than user balance display error message "Insufficient Funds"

Display success Message

for credit

"Transaction done on 01/10/2021: Amount Credited To Account Successfully: Remaining Amount:
<<Show Balance>>

"Transaction done on 01/10/2021: Amount debited from Account Successfully: Remaining Amount:
<<Show Balance>>