

PYTHON FINAL PROJECT

SECTION:K22PT
COURSE CODE:INT 108

GROUP MEMBERS:

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PROBLEM STATEMENT : -

""You task is to replicate the working of ATM for a single user, let's say, Mr. John, who has already successfully logged into her account on the ATM Machine, now, we will program the next steps he may want to perform. Like display his name and cash available in his savings account Withdraw cash and display the status of the cash balance. Deposit cash and display the status of the cash balance. (Your task is to design and implement the ATM functionality by taking care of all constraints, for example if minimum cash available is less than 5000 then system will display low balance)""

CODE:-

```
import time

print("Please insert Your CARD")

# for card processing time.sleep(2) password = 4321

# taking atm pin from user
pin = int(input("Enter your ATM pin: "))

# checking pin is valid or not if pin == password:
# shows name of the owner
print("Welcome Mr.John")
# loop will run user get free

# user account balance balance = 10000
# loop will run user get free
while True:

# Showing info to user print("""
1 == balance
2 == withdraw balance
3 == deposit balance
4 == exit """)

    )

try:
# taking an option from user
option = int(input("Please enter your choice: ")) except:
print("Please enter valid option")

# for option 1 if option == 1:
print(f"Your current balance is: {balance}")

        if option == 2:

withdraw_amount = int(input("please enter withdraw_amount:
"))
```

```
    balance = balance - withdraw_amount

    print(f"{withdraw_amount} is debited from your account")

    print(f"your updated balance is: {balance}")

if option == 3:

    deposit_amount = int(input("please enter deposit_amount: ")) balance
    = balance + deposit_amount

    print(f"{deposit_amount} is credited to your account")

    print(f"your updated balance is: {balance}") if
balance<5000:
    print("Low Balance")

if option == 4:

    break
```

OUTPUT:-

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\sujal\AppData\Local\Programs\Python\Python310\atm working.py
Please insert Your CARD
Enter your ATM pin: 4321
Welcome Mr.John

        1 == balance
        2 == withdraw balance
        3 == deposit balance
        4 == exit

Please enter your choice: 1
Your current balance is: 10000

        1 == balance
        2 == withdraw balance
        3 == deposit balance
        4 == exit

Please enter your choice: 2
please enter withdraw_amount: 6000
6000 is debited from your account
your updated balance is: 4000
Low Balance

        1 == balance
        2 == withdraw balance
        3 == deposit balance
        4 == exit

Please enter your choice: 3
please enter deposit_amount: 2000
2000 is credited to your account
your updated balance is: 6000

        1 == balance
        2 == withdraw balance
        3 == deposit balance
        4 == exit

Please enter your choice: 4
>>>
```