FULL STACK DEVELOPER

MINI PROJECT IN PYTHON

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INDIA PRIVATE LIMITED

MINI PROJECT OF ATM MACHINE

Project Report Submitted

In partial fulfillment of the requirement for the proficient certificate course

Done By

HARIKRISHNAN .G

Under the guidance of

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ABOUT PUMO TECHNOVATION

- We are the India's Largest Design, Developer and Manufacture of Fracture CON ROD's also Owning Technical Campus Collaborated with world's leading companies like FANUC INDIA, MITSUBISHI CUTTING TOOLS, ACCURATE GAUGES, ADITYA MEASUREMENTS, RENISHAW & MITUTOYA (JAPAN).
- Our total lab setup is focused for engineer's and industries updating requirements. the tech campus is completely accelerating under the guidance of industrial experts having 27+ years' experience and young aspirants, Pumo Technovation is the first tech campus to have all facilities & labs in India to offer training courses and job assurance all under one roof.
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PROJECT OBJECTIVE

Creating an ATM project in Python is a great way to practice programming concepts like object-oriented programming, data handling, and user input. Below, I'll outline a basic structure for an ATM simulation project.

Project Overview

The ATM project will simulate basic ATM functions, such as:

- **Checking Account Balance**
- **Depositing Money**
- **Withdrawing Money**
- **Exiting the ATM**

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HARDWARE AND SOFTWARE REQUIREMENTS:

HARDWARE :

✓ Device name : **ASUS**

✓ Processor :AMD Ryzen 5 5600H with Radeon Graphics

✓ Installed RAM : 8.00 GB (7.40 GB usable)

✓ Device ID :5795131D-6FF7-4593-8E53- 5F093C77C644

✓ Product ID :00342-42640-84714-AAOEM

✓ System type : 64-bit operating system, x64-based processor

✓ Pen and touch : No pen or touch input is available for this display

SOFTWARE:

✓ONLINE PYTHON COMPILER

✓PYTHON

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SOURCE CODE:

```
PIN = 6374
balance = 1000
entered_pin = int(input("Enter your PIN: "))
if entered_pin == PIN:
    print("Wellcome to Sbi Atm!")
    print("1. Check Balance")
    print("2. Deposit Money")
    print("3. Withdraw Money")

    choice = int(input("Enter your choice (1-3): "))

    if choice == 1:
        print(f"Your balance is: ₹{balance}")

    elif choice == 2:
        deposit = float(input("Enter amount to deposit: ₹"))
        balance += deposit
        print(f"₹{deposit} deposited. New balance: ₹{balance}")

    elif choice == 3:
        withdraw = float(input("Enter amount to withdraw: ₹"))
        if withdraw <= balance:
            balance -= withdraw
            print(f"₹{withdraw} withdrawn. Remaining balance:
₹{balance}")
        else:
            print("Insufficient balance!")

    else:
        print("Invalid choice!")
else:
    print("Incorrect PIN!")
```

OUTPUT:

```
Output

Enter your PIN: 6374
Wellcome to Sbi Atm!
1. Check Balance
2. Deposit Money
3. Withdraw Money
Enter your choice (1-3): 1
Your balance is: ₹1000

=== Code Execution Successful ===
```

```
Output

Enter your PIN: 6374
Wellcome to Sbi Atm!
1. Check Balance
2. Deposit Money
3. Withdraw Money
Enter your choice (1-3): 2
Enter amount to deposit: ₹5000
₹5000.0 deposited. New balance: ₹6000.0

=== Code Execution Successful ===
```

```
Output

Enter your PIN: 6374
Wellcome to Sbi Atm!
1. Check Balance
2. Deposit Money
3. Withdraw Money
Enter your choice (1-3): 3
Enter amount to withdraw: ₹2000
₹2000.0 withdrawn. Remaining balance: ₹4000.0

=== Code Execution Successful ===
```

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