FULL STACK DEVELOPER

MINI PROJECT IN PYTHON

NAME: VASANTH.V

PUMO TECHNOVATION
INDIA PRIVATE LIMITED

PROJECT TITLE SHEET

SIMPLE BANKING IN PYTHON

Project Report Submitted

In partial fulfillment of the requirement for the proficient certificate course

Done By

VASANTH.V

Under the guidance of

SOWMITHRA M

Approved by

CHINNANNAN G

PUMO TECHNOVATION
INDIA PRIVATE LIMITED

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.
- Pumo Technovation Training in IT, Electronics & Electricals creating experts for emerging technology industries and specialist technology jobs.
- A part of CADD Centre, which is Asia's largest CAD/CAM/CAE training institute.

PUMO TECHNOVATION
INDIA PRIVATE LIMITED

PROJECT OBJECTIVE

An Banking project in python typically involves simulating basic Banking operations such as user authentication, balance inquiry, deposit, and withdrawal. It usually includes a user interface for input and output, functions to handle transactions, and data storage for user information and transaction records.

PUMO TECHNOVATION
INDIA PRIVATE LIMITED

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:

✓PYCHARM
✓PYTHON

PUMO TECHNOVATION
INDIA PRIVATE LIMITED

SOURCE CODE:

```
class BankAccount:
    def __init__(self, account_holder):
        self.account_holder = account_holder
        self.balance = 0.0

    def deposit(self, amount):
        if amount > 0:
            self.balance += amount
            print(f"Deposited {amount:.2f}")
        else:
            print("Deposit amount must be positive.")

    def withdraw(self, amount):
        if 0 < amount <= self.balance:
            self.balance -= amount
            print(f"Withdrew {amount:.2f}")
        else:
            print("Invalid withdrawal amount.")

    def check_balance(self):
        print(f"Current balance: Rs{self.balance:.2f}")
    def main():
        print("Welcome to Simple Bank")
        name = input("Enter your name: ")
        account = BankAccount(name)
```

```
    while True:
        print("\n1. Deposit\n2. Withdraw\n3. Check Balance\n4. Exit")
        choice = input("Choose an option: ")

        if choice == '1':
            amount = float(input("Enter amount to deposit: "))
            account.deposit(amount)
        elif choice == '2':
            amount = float(input("Enter amount to withdraw: "))
            account.withdraw(amount)
        elif choice == '3':
            account.check_balance()
        elif choice == '4':
            print("Thank you for using Simple Bank.")
            break
        else:
            print("Invalid option. Please try again.")

if __name__ == "__main__":
    main()
```

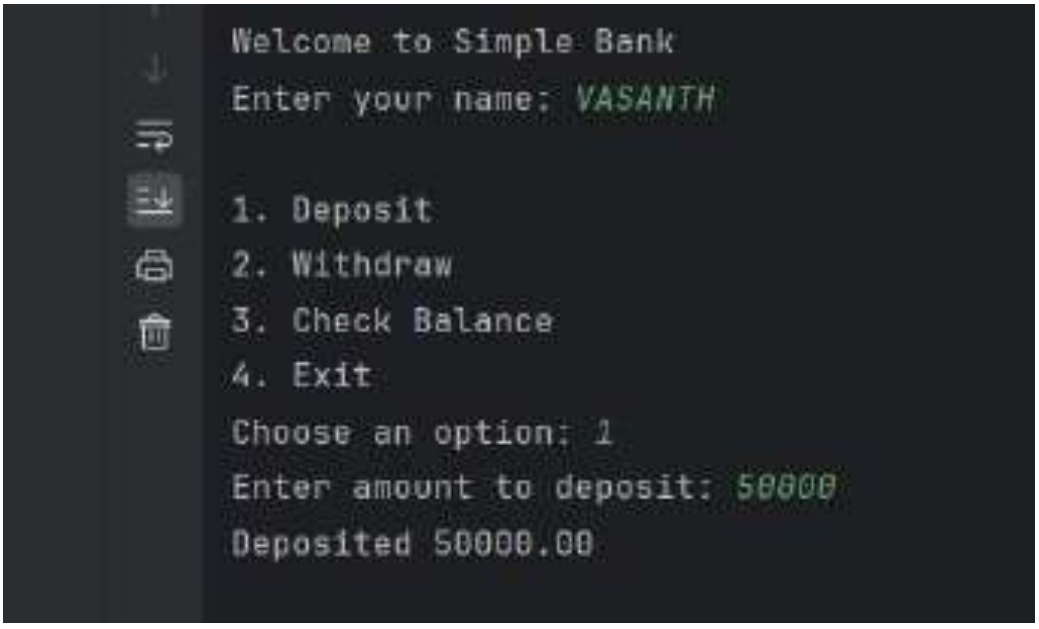
==========

COMPLETE THE PROGRAM

==========

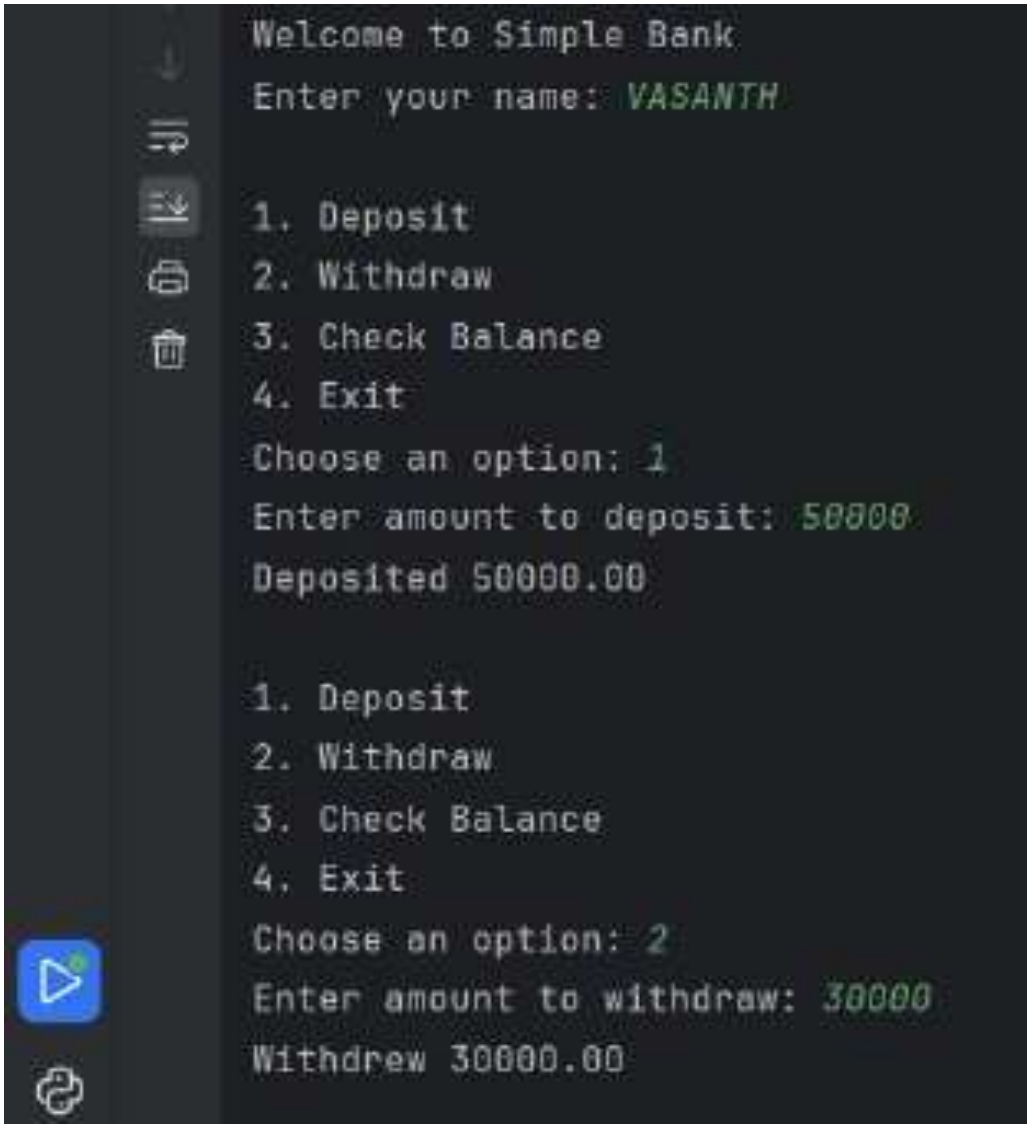
OUTPUT:

DEPOSIT :



OUTPUT:

WITHDRAW :



OUTPUT:

BALANCE ENQUIRY :