

ATM SIMULATOR:

```
import random
class ATM_Simulator:
    def __init__(self):
        self.username = "Anisfathima"
        self.password = "fathimanis"
        self.balance = 50000
    def balance(self):
        return self.balance
    def deposit(self,amount):
        print("Initial Amount :: ",self.balance)
        self.balance+=amount
        return self.balance
    def withdraw(self,amount):
        if amount<self.balance:
            print("Initial Amount :: ",self.balance)
            self.balance-=amount
            return "Withdraw Successfully...Current Amount :: "+str(self.balance)
        else:
            return "Insufficient Balance"
user= ATM_Simulator()
while True:
    print("Enter Your Details")
    username=str(input("Enter Your Name :: "))
    password=str(input("Enter YOur Password :: "))
    if user.username == username and user.password == password:
        otp = random.randint(100000,999999)
        print("Sent OTP ",otp)
        user_otp=int(input("Enter the OTP :: "))
        if user_otp==otp:
            print("OTP Verified Successfully")
            print("Welcome",username)
            print("""
1. Check Current Balance
2. Deposit
3. Withdraw
4. Exit
""")
            choice=int(input("Enter Your choice :: "))
            if choice==1:
                print("Your Balance Is =",user.balance)
                print("=====")
```

```
elif choice==2:
    deposit_amount=int(input("Enter The Amount :: "))
    print("Successfully Deposited")
    print("Current Amount Is",user.deposit(deposit_amount))
    print("=====")
elif choice==3:
    withdraw_amount=int(input("Enter The Amount : "))
    print("Deposit Succssfully")
    print("Current Amount =",user.withdraw(withdraw_amount))

elif choice==4:
    break
else:
    print("Invalid choice")
else:
    print("Try another Time")
    continue
else:
    print("Incorrect Username or Password")
    print("\n\n")
    continue
```