ATM Transaction

Scenario:

An ATM allows users to withdraw money from their bank accounts. The system should validate

the transaction based on the available balance.

Question:

Write a Python program that:

> 1. Takes the user's account balance and withdrawal amount as input.

> 2. Checks if the withdrawal amount is greater than the balance and prevents the transaction

> if insufficient funds exist.

> 3. Deducts the withdrawal amount if sufficient funds are available.

> 4. Uses logical operators (and, or) for transaction validation.

> 5. Displays the updated account balance or an error message.

Code:

```
def atm_transaction(balance,withdrawal):
    if withdrawal > 0 and withdrawal <= balance:
        balance -= withdrawal
        print(f"Transaction successful! Updated balance: ₹{balance:.2f}")
    elif withdrawal <= 0:
        print("Error: Withdrawal amount must be greater than zero.")
    else:
        print("Error: Insufficient funds! Transaction declined.")


balance = float(input("Enter your account balance: "))

withdrawal = float(input("Enter the withdrawal amount: "))

atm_transaction(balance,withdrawal)
```

Output:

Enter your account balance: 6000

Enter the withdrawal amount: -500

Error: Withdrawal amount must be greater than zero.