

CODE

```
class ATM:
    def __init__(self, balance=0):
        self.balance = balance

    def check_balance(self):
        print(f"\nYour current balance is: ₹{self.balance}")

    def deposit(self, amount):
        if amount > 0:
            self.balance += amount
            print(f"\nSuccessfully deposited ₹{amount}.")
        else:
            print("\nEnter a valid amount to deposit.")

    def withdraw(self, amount):
        if 0 < amount <= self.balance:
            self.balance -= amount
            print(f"\n₹{amount} withdrawn.")
        else:
            print("\nInsufficient balance or invalid amount.")

    def run(self):
        print("Welcome to the SBI ATM")
        while True:
            print("\n1. Check Balance")
            print("2. Deposit")
            print("3. Withdraw")
            print("4. Exit")
            choice = input("Choose an option (1-4): ")
```

```
if choice == '1':
    self.check_balance()
elif choice == '2':
    try:
        amount = float(input("Enter amount to deposit: ₹"))
        self.deposit(amount)
    except ValueError:
        print("Invalid input. Please enter a number.")
elif choice == '3':
    try:
        amount = float(input("Enter amount to withdraw: ₹"))
        self.withdraw(amount)
    except ValueError:
        print("Invalid input. Please enter a number.")
elif choice == '4':
    print("Thank you for using the ATM. We will see you again!")
    break
else:
    print("Invalid option. Please choose between 1-4.")
```

Run the ATM interface

```
atm_machine = ATM(balance=1000) # Initial balance is ₹1000
atm_machine.run()
```

OUTPUT

```
Welcome to the SBI ATM
```

- 1. Check Balance
- 2. Deposit
- 3. Withdraw
- 4. Exit

```
Choose an option (1-4): 2
```

```
Enter amount to deposit: ₹ 1000
```

```
Successfully deposited ₹1000.0.
```

- 1. Check Balance
- 2. Deposit
- 3. Withdraw
- 4. Exit

```
Choose an option (1-4): 1
```

```
Your current balance is: ₹2000.0
```

- 1. Check Balance
- 2. Deposit
- 3. Withdraw
- 4. Exit

```
Choose an option (1-4): 4
```

```
Thank you for using the ATM. We will see you again!
```