

# PYTHON PROJECT

## ATM MACHINE



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# CODE

```
name_of_client = "Reshav Singh"
balance = 10000
account_number = 1234567891

def init():
    # Initial function to print user data
    print("Welcome Mr.", name_of_client)
    print("Your Account Number:", account_number)
    print("Available Balance:", balance)
    action()

def action():
    # Function for accepting key for the action user wants to perform
    print("\n\tChoose your action\n")
    print("\tKey\t\t\t\tAction")
    print("\t 1\t\t\tCash Withdrawal")
    print("\t 2\t\t\tCash Deposit")
    print("\t 3\t\t\tDisplay Balance")
    key = int(input("Key: "))

    # Checking the key and calling the concerned function
    if 3 >= key >= 1:
        if key == 1:
            withdrawal()
        elif key == 2:
            deposit()
        else:
            display()

    # Printing appropriate output for invalid input
    else:
        print("Invalid Key Entered ! \nEnter valid key again")
        action()

def withdrawal():
    # Function for withdrawing money
    global balance
    amount = int(input("Enter amount to be withdrawn: "))
    if amount > balance:
        print("Insufficient Balance")
    else:
        balance -= amount
        print("Amount withdrawal successful !")
        display()

def deposit():
    # Function for depositing money
    global balance
    amount = int(input("Enter amount to be deposited: "))
    balance += amount
    print("Amount deposited successfully !")
    display()

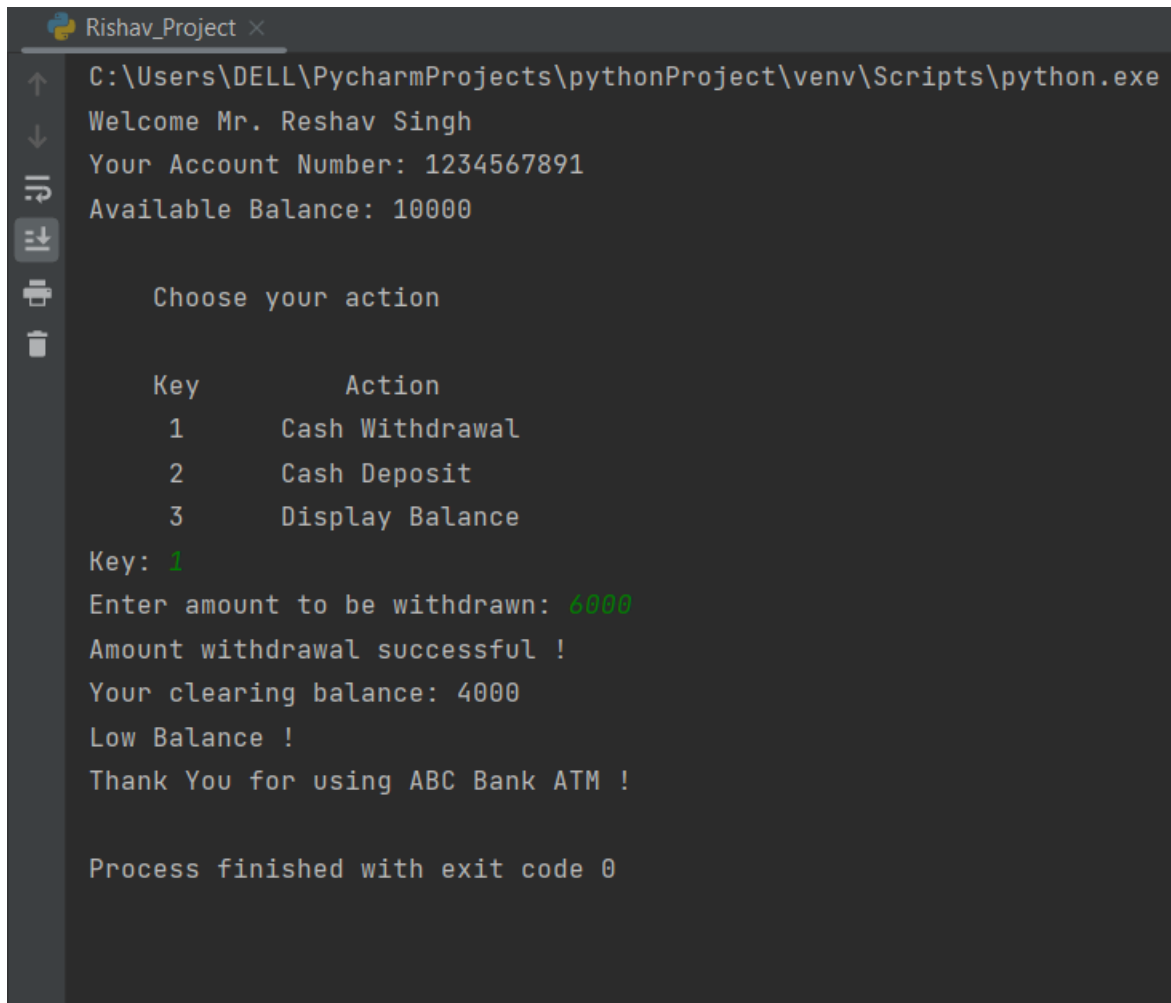
def display():
    # Function for displaying bank balance
```

```
print("Your clearing balance:", balance)
if balance < 5000:
    print("Low Balance !")
print("Thank You for using ABC Bank ATM !")

# Calling the init function to initiate the process
init()
```

# OUTPUT

## Output 1:



```
Rishav_Project x
C:\Users\DELL\PycharmProjects\pythonProject\venv\Scripts\python.exe
Welcome Mr. Reshav Singh
Your Account Number: 1234567891
Available Balance: 10000

    Choose your action

    Key          Action
    1          Cash Withdrawal
    2          Cash Deposit
    3          Display Balance

Key: 1
Enter amount to be withdrawn: 6000
Amount withdrawal successful !
Your clearing balance: 4000
Low Balance !
Thank You for using ABC Bank ATM !

Process finished with exit code 0
```

## Output 2:

```
Rishav_Project x
C:\Users\DELL\PycharmProjects\pythonProject\venv\Scripts\python.exe
Welcome Mr. Reshav Singh
Your Account Number: 1234567891
Available Balance: 10000

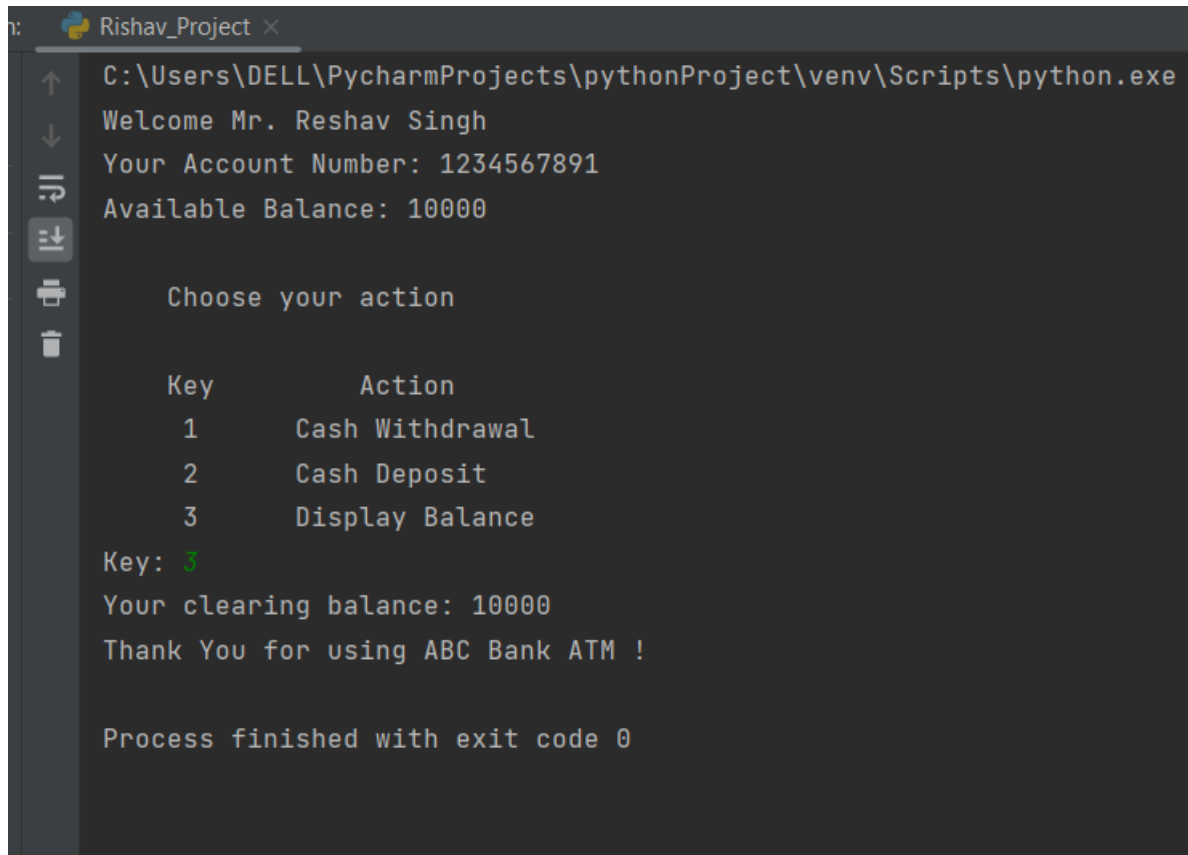
Choose your action

Key      Action
1        Cash Withdrawal
2        Cash Deposit
3        Display Balance

Key: 2
Enter amount to be deposited: 4000
Amount deposited successfully !
Your clearing balance: 14000
Thank You for using ABC Bank ATM !

Process finished with exit code 0
```

## Output 3:



```
h: Rishav_Project x
C:\Users\DELL\PycharmProjects\pythonProject\venv\Scripts\python.exe
Welcome Mr. Reshav Singh
Your Account Number: 1234567891
Available Balance: 10000

Choose your action

Key      Action
1      Cash Withdrawal
2      Cash Deposit
3      Display Balance
Key: 3
Your clearing balance: 10000
Thank You for using ABC Bank ATM !

Process finished with exit code 0
```

## Output 4:

```
Rishav_Project x
C:\Users\DELL\PycharmProjects\pythonProject\venv\Scripts\python.exe
Welcome Mr. Reshav Singh
Your Account Number: 1234567891
Available Balance: 10000

Choose your action

Key      Action
1        Cash Withdrawal
2        Cash Deposit
3        Display Balance
Key: 5
Invalid Key Entered !
Enter valid key again

Choose your action

Key      Action
1        Cash Withdrawal
2        Cash Deposit
3        Display Balance
Key: 1
Enter amount to be withdrawn: 15000
Insufficient Balance

Process finished with exit code 0
```