

Expected Output:

Assignment 2:

Doctor Details:

Doctor ID: 101

Name: Dr. Smith

Specialization: Cardiologist

Hospital: City Health Care

Doctor Details:

Doctor ID: 102

Name: Dr. Patel

Specialization: Neurologist

Hospital: Metro Hospital

Patient Details:

Patient ID: 201

Name: Alice

Age: 45

Disease: Hypertension

Patient Details:

Patient ID: 202

Name: John

Age: 30

Disease: Diabetes

Total Doctors: 2

Total Hospitals: 2

Assignment 3:

Account Details:

Account Number: 1001

Account Holder: John Doe

Balance: \$5000

Deposit of \$1000 successful.

Withdrawal of \$2000 successful.

Updated Balance: \$4000

Account Details:

Account Number: 1002

Account Holder: Jane Smith

Balance: \$7000

Deposit of \$500 successful.

Withdrawal of \$1000 successful.

Updated Balance: \$6500

Total Accounts: 2

Total Banks: 1