

Payment System Test Cases

Test Case 1 (Transaction is Approved)

```
Payment_System.exe [C/C++ Application]
Please Enter Card Data:
Please Enter the Card Holder Name:
Bishoy Nabil
Please enter the Primary Account Number:
456789123
Please Enter Card Expiry Date (MM/YY):
12/19
Please Enter Terminal Data:
Please Enter the transaction Amount:
20.50
Please Enter transaction Date (DD/MM/YYYY):
27/11/2019
Verifying Data from the server....
The transaction is APPROVED!
Do you want to continue (y/n)?:
y
Please Enter Card Data:
Please Enter the Card Holder Name:
```

Test Case 2: Card is Expired (Transaction is Declined)

```
Payment_System.exe [C/C++ Application]
Please Enter Card Data:
Please Enter the Card Holder Name:
Bishoy Nabil
Please enter the Primary Account Number:
456789123
Please Enter Card Expiry Date (MM/YY):
10/19
Please Enter Terminal Data:
Please Enter the transaction Amount:
20.50
Please Enter transaction Date (DD/MM/YYYY):
27/11/2019
Card is expired!
The transaction is DECLINED!
Do you want to continue (y/n)?:
```

Test Case 3: Balance is not found (Transaction is Declined)

```
Please Enter Card Data:
Please Enter the Card Holder Name:
Bishoy Nabil
Please enter the Primary Account Number:
456789123
Please Enter Card Expiry Date (MM/YY):
12/19
Please Enter Terminal Data:
Please Enter the transaction Amount:
2000.00
Please Enter transaction Date (DD/MM/YYYY):
27/11/2019
Verifying Data from the server....
Balance Not Found!
The transaction is DECLINED!
Do you want to continue (y/n)?:
n
```

Test Case 4: Primary Account No. is not found (Transaction is Declined)

```
Please Enter Card Data:
Please Enter the Card Holder Name:
Bishoy Nabil
Please enter the Primary Account Number:
456789124
Please Enter Card Expiry Date (MM/YY):
12/19
Please Enter Terminal Data:
Please Enter the transaction Amount:
20.50
Please Enter transaction Date (DD/MM/YYYY):
27/11/2019
Verifying Data from the server....
Primary Account Number is not found!
The transaction is DECLINED!
Do you want to continue (y/n)?:
n
```

Test Case 5: Transaction Amount Exceeded (Transaction is Declined)

```
Please Enter Card Data:
Please Enter the Card Holder Name:
Bishoy Nabil
Please enter the Primary Account Number:
456789123
Please Enter Card Expiry Date (MM/YY):
12/19
Please Enter Terminal Data:
Please Enter the transaction Amount:
6000.00
Transaction amount exceeded the Max limit!
The transaction is DECLINED!
Do you want to continue (y/n)?:
n
```