

Test case 1:

- Testing an approved transaction

```
Please Enter Card Data:
Please Enter Card Holder Name:
Shady Mamdouh
Please Enter Primary Account Number:
123456789
Please Enter Card Expiration Date in Format[MM/YY]:
12/21
Please Enter Terminal Data:
Please Enter The Transaction Amount :
3000
Please Enter Transaction Date:
12/05/2020
Verifying Data from the server
*****
the new balance is :5000.50
The Transaction is APPROVED
Do you Want to continue[Y or N]
Y
Please Enter Card Data:
Please Enter Card Holder Name:
```

Test case 2:

- Testing declined transaction due to the card is Expired

```
Please Enter Card Data:
Please Enter Card Holder Name:
Shady mamdouh
Please Enter Primary Account Number:
123456789
Please Enter Card Expiration Date in Format[MM/YY]:
12/20
Please Enter Terminal Data:
Please Enter The Transaction Amount :
3000
Please Enter Transaction Date:
12/05/21
The Transaction is Declined
Do you Want to continue[Y or N]
N
*****
Transaction Data :
transaction[0] :
Name :Shady mamdouh
Primary Account Number :123456789
Expiration Date: 12/20
Transaction Amount: 3000.00
Max Amount: 4000.00
Transaction Date: 12/05/21
Status : DECLINED
*****
```

Test case 3:

testing declined transaction due to transaction amount > Account balance(balance is 500.50).

```
Please Enter Card Holder Name:
SHADY MAMDOUH
Please Enter Primary Account Number:
123456789
Please Enter Card Expiration Date in Format[MM/YY]
12/21
Please Enter Terminal Data:
Please Enter The Transaction Amount :
3000
Please Enter Transaction Date:
12/05/2020
Verifying Data from the server
The Transaction is Declined
Do you Want to continue[Y or N]
```

Test case 4:

- Testing declined transaction due to the Account number not exist.

```
Please Enter Card Holder Name:
Shady mamdouh
Please Enter Primary Account Number:
1568844154
Please Enter Card Expiration Date in Format[MM/YY]:
12/21
Please Enter Terminal Data:
Please Enter The Transaction Amount :
300
Please Enter Transaction Date:
12/05/2020
Verifying Data from the server
The Transaction is Declined
Do you Want to continue[Y or N]
```

Test case 5:

- Testing declined transaction due to transaction amount > max amount(max is 4000).

```
Please Enter Card Data:
Please Enter Card Holder Name:
SHADY MAMDOUH
Please Enter Primary Account Number:
123456789
Please Enter Card Expiration Date in Format[MM/YY]:
12/21
Please Enter Terminal Data:
Please Enter The Transaction Amount :
5000
The Transaction is Declined
Do you Want to continue[Y or N]
```

Test case 6:

- Printing the transaction data

```
Transaction Data :
transaction[0] :
Name :SHADY MAMDOUH
Primary Account Number :123456789
Expiration Date: 12/21
Transaction Amount: 5000.00
Max Amount: 4000.00
Transaction Date: P!@
Status : DECLINED
*****
*****

Transaction Data :
transaction[1] :
Name :SHADY MAMDOUH
Primary Account Number :123456789
Expiration Date: 12/21
Transaction Amount: 3000.00
Max Amount: 4000.00
Transaction Date: 12/05/2020
Status : DECLINED
*****
*****

Transaction Data :
transaction[2] :
Name :Shady mamdouh
Primary Account Number :1568844154
Expiration Date: 12/21
Transaction Amount: 300.00
Max Amount: 4000.00
Transaction Date: 12/05/2020
Status : DECLINED
*****
```