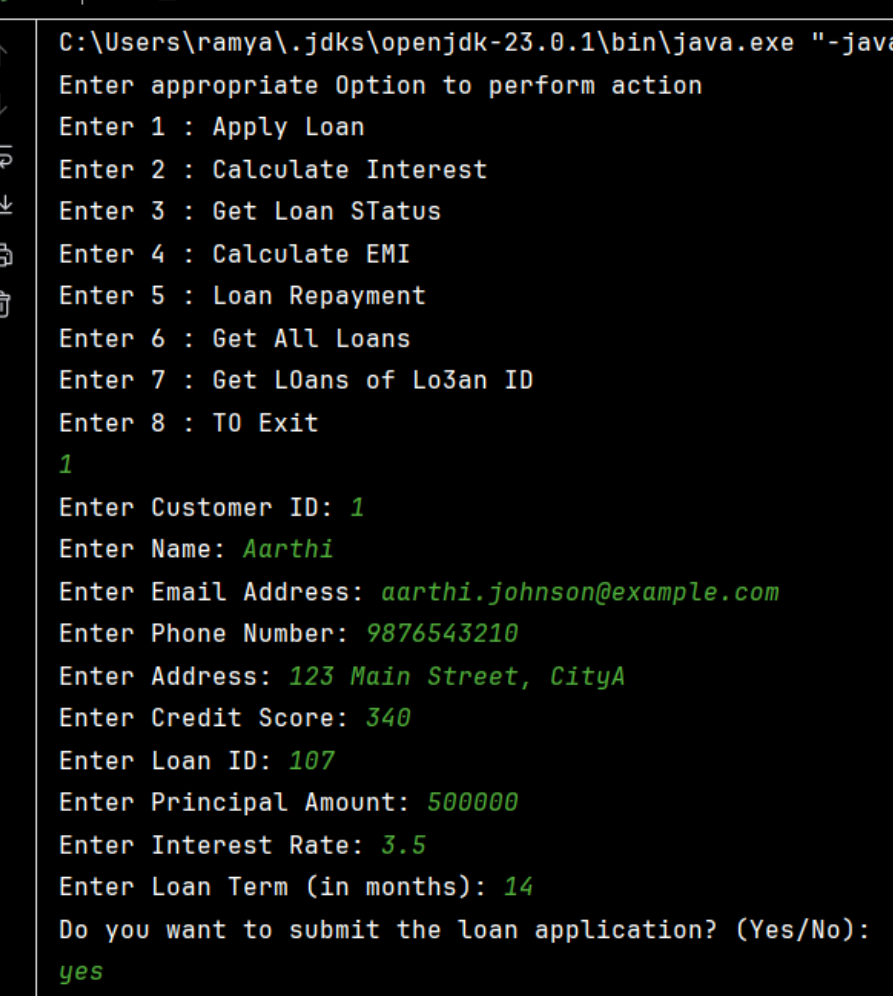


## 1.APPLY LOAN

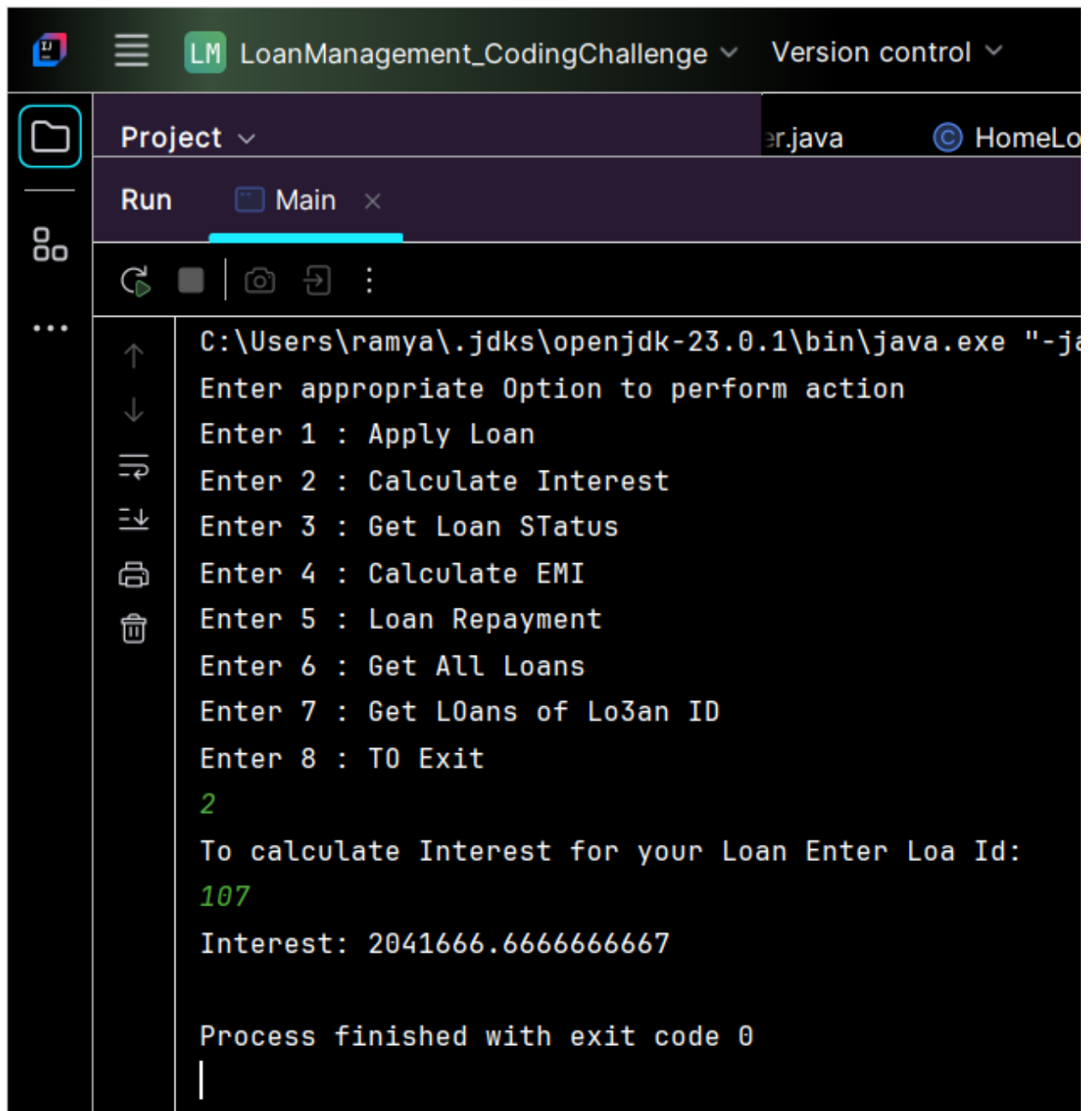


```
Run Main x
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:C:\
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : To Exit
1
Enter Customer ID: 1
Enter Name: Aarthi
Enter Email Address: aarthi.johnson@example.com
Enter Phone Number: 9876543210
Enter Address: 123 Main Street, CityA
Enter Credit Score: 340
Enter Loan ID: 107
Enter Principal Amount: 500000
Enter Interest Rate: 3.5
Enter Loan Term (in months): 14
Do you want to submit the loan application? (Yes/No):
yes
Application for Loan is Success

Process finished with exit code 0
```

[illegible]

## 2.CALCULATE INTEREST



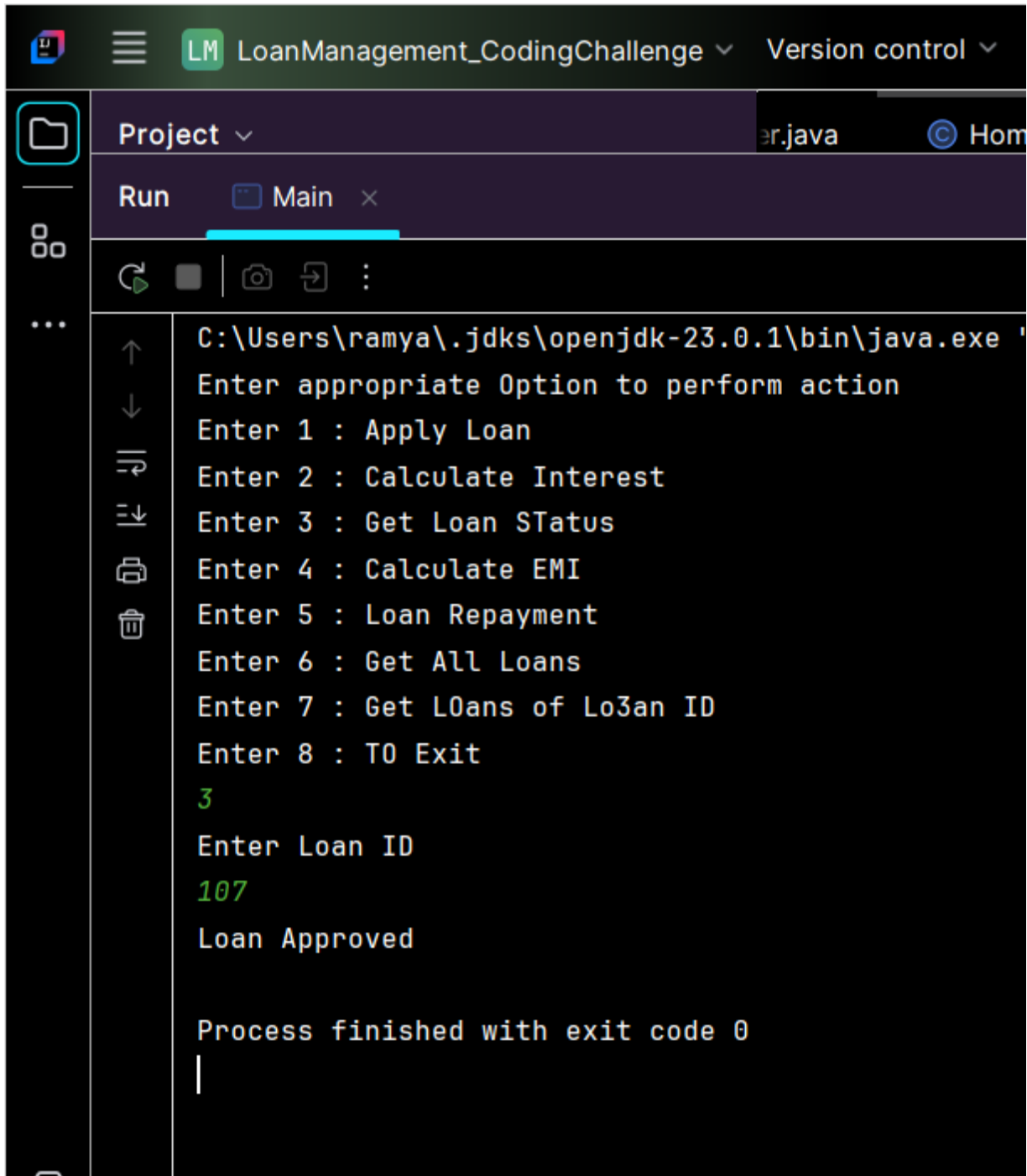
```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe "-ja
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan SStatus
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get L0ans of Lo3an ID
Enter 8 : T0 Exit
2
To calculate Interest for your Loan Enter Loa Id:
107
Interest: 2041666.6666666667

Process finished with exit code 0
|
```

NEXT

### 3.GET LOAN STATUS

#### (i)CREDIT SCORE MORE THAN 650-APPROVED



```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : To Exit
3
Enter Loan ID
107
Loan Approved

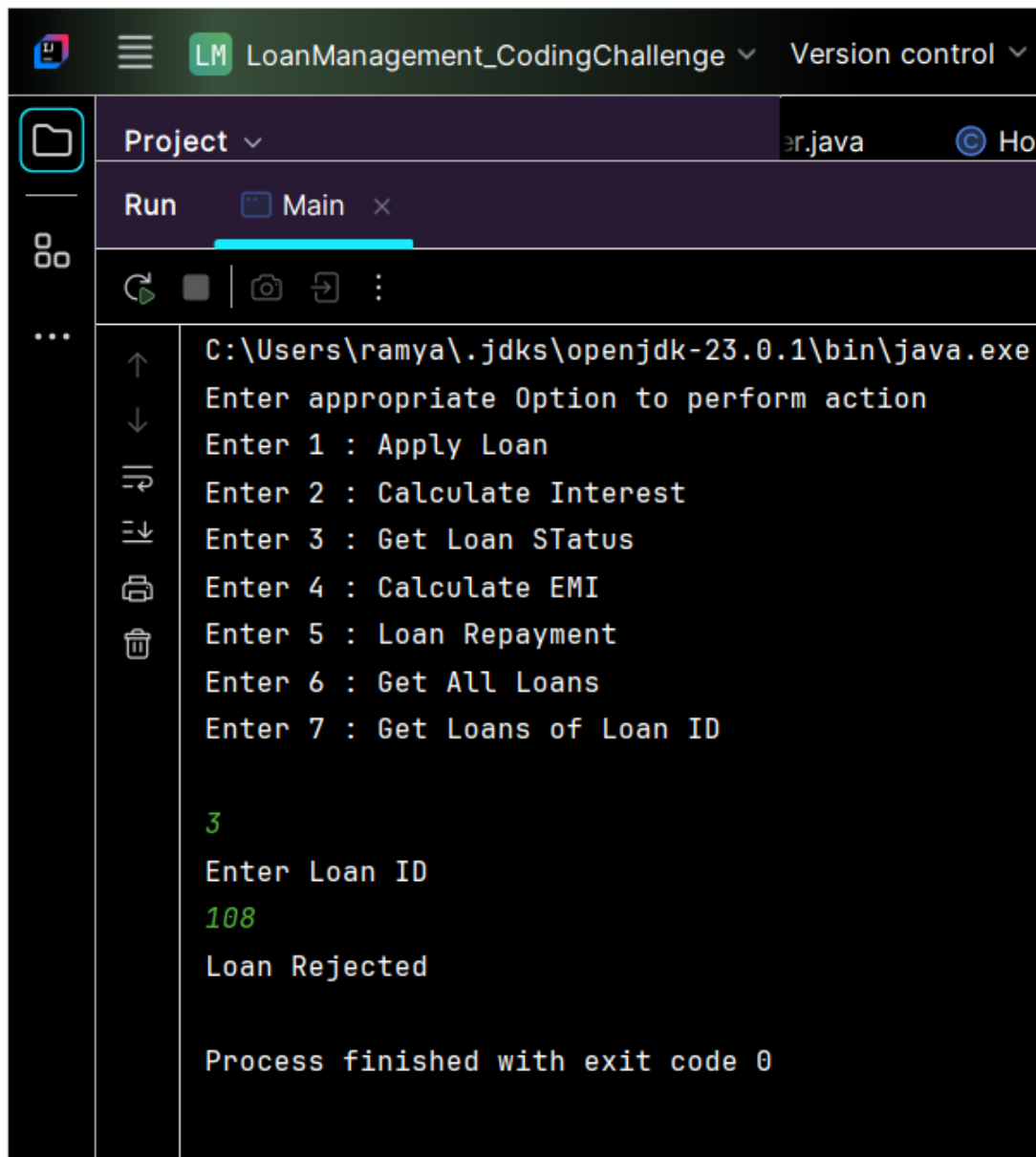
Process finished with exit code 0
|
```

NEXT

## (ii) CREDIT SCORE LESS THAN 650-REJECTED

### CUSTOMER ID-3

customer_id	name	email_address	phone_number	address	credit_score
1	Aarthi	aarthi.johnson@example.com	9876543210	123 Main Street, CityA	700
2	Smith	bob.smith@example.com	9123456789	456 Park Avenue, CityB	620
3	Ramya	ramya.@example.com	9876543210	143 Main Street, CityA	340
NULL	NULL	NULL	NULL	NULL	NULL



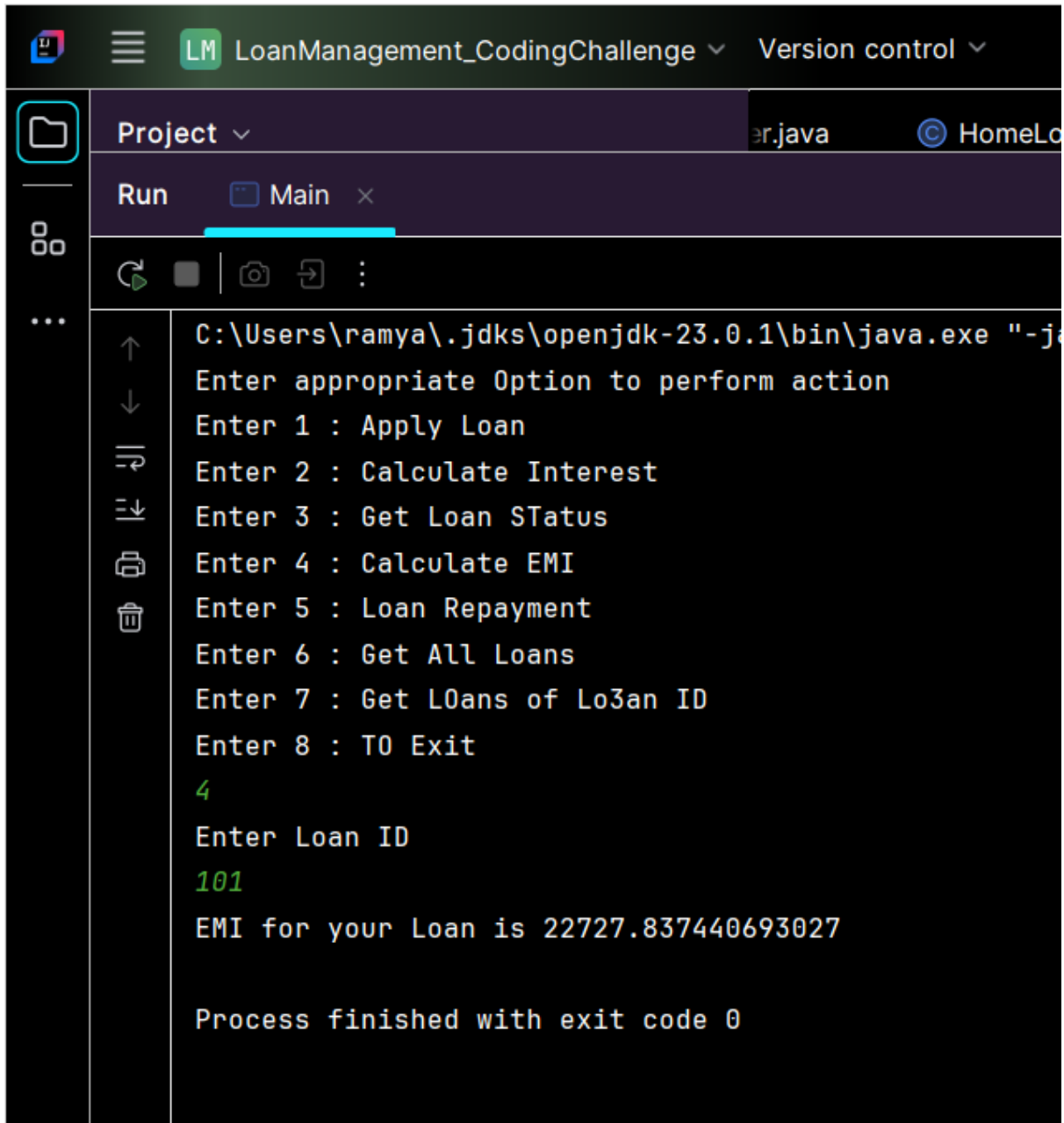
```
LM LoanManagement_CodingChallenge Version control
Project Main.java
Run Main
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID

3
Enter Loan ID
108
Loan Rejected

Process finished with exit code 0
```

NEXT

## 4.CALCULATE EMI



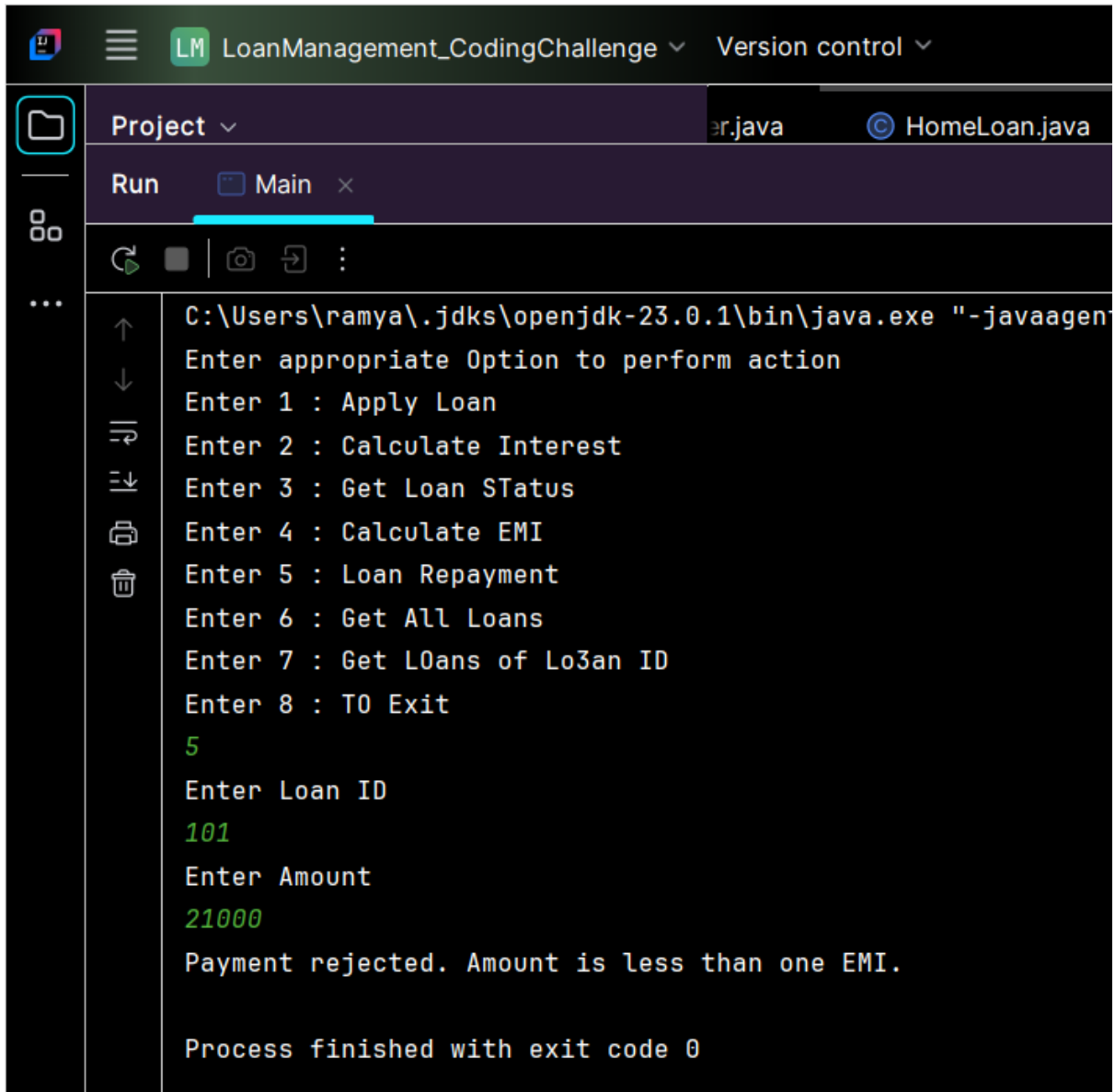
```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe "-j
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : To Exit
4
Enter Loan ID
101
EMI for your Loan is 22727.837440693027

Process finished with exit code 0
```

NEXT

## 5.LOAN REPAYMENT

### (i)AMOUNT LESS THAN 1 MONTH EMI



```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : To Exit
5
Enter Loan ID
101
Enter Amount
21000
Payment rejected. Amount is less than one EMI.

Process finished with exit code 0
```

NEXT

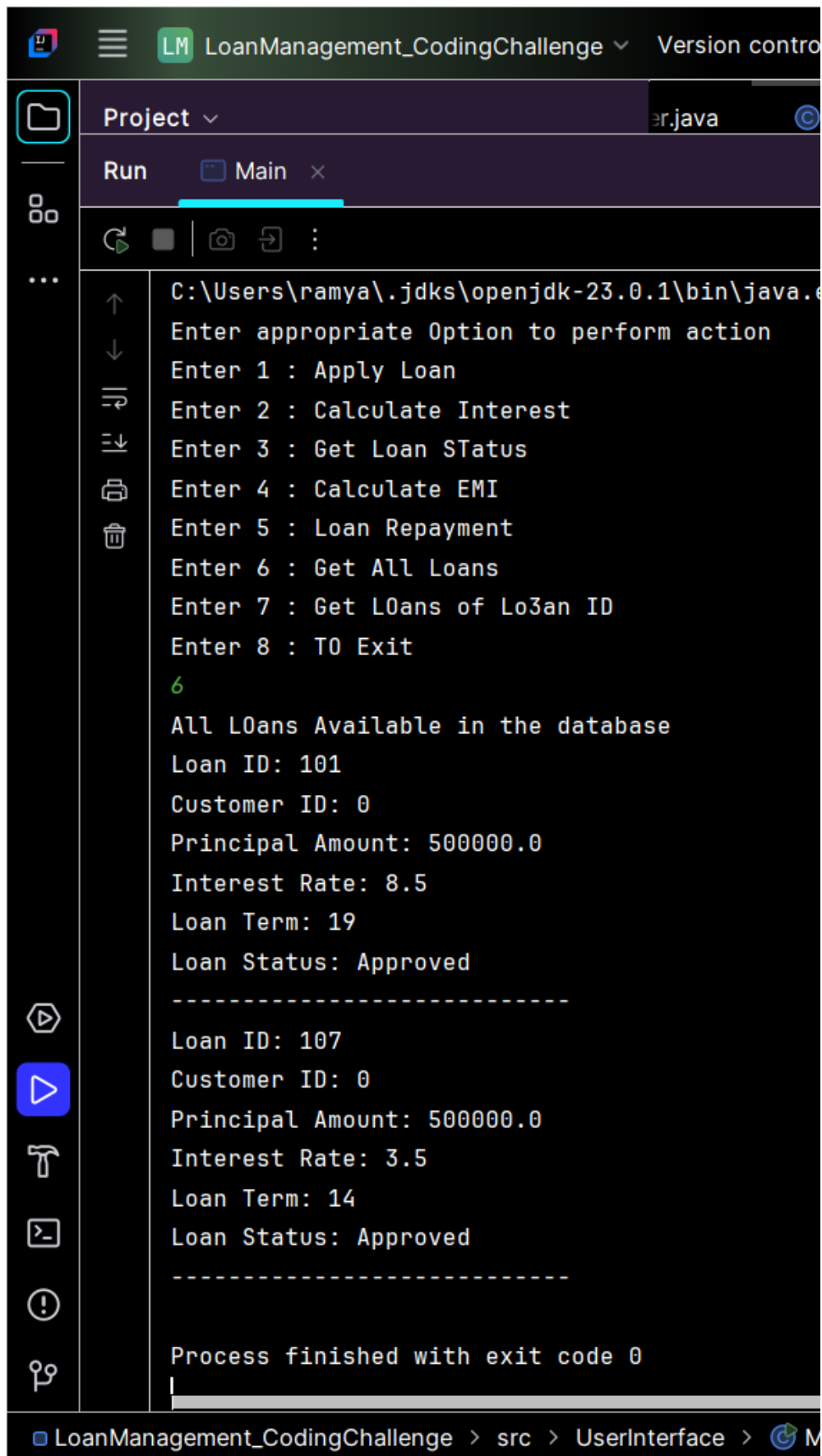
## (ii) AMOUNT GREATER THAN 1 MONTH EMI

```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : To Exit
5
Enter Loan ID
101
Enter Amount
120000
5 EMI(s) paid. Remaining term: 19 months.

Process finished with exit code 0
```

NEXT

## 6.GET ALL LOANS

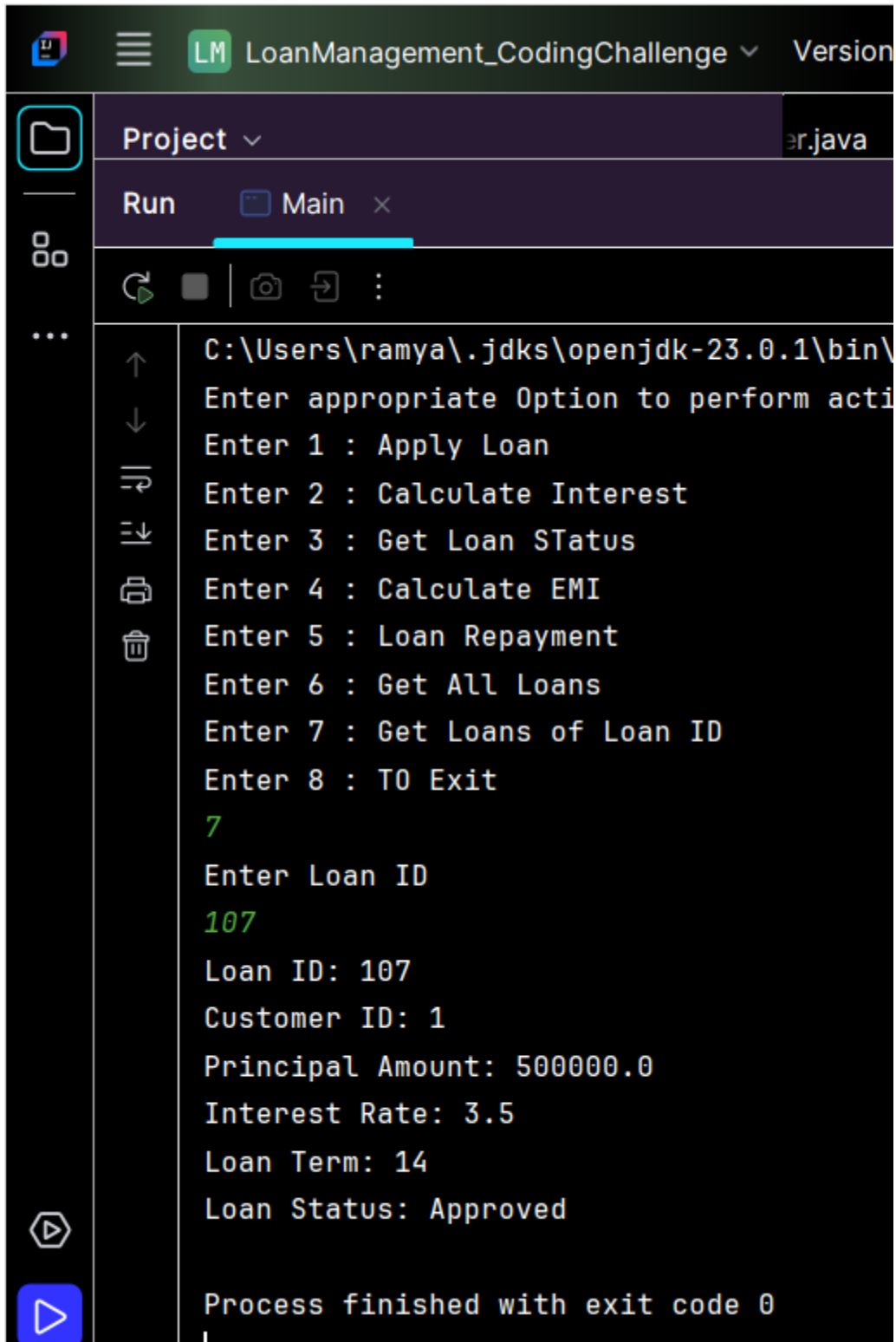


```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get L0ans of Lo3an ID
Enter 8 : TO Exit
6
All L0ans Available in the database
Loan ID: 101
Customer ID: 0
Principal Amount: 500000.0
Interest Rate: 8.5
Loan Term: 19
Loan Status: Approved
-----
Loan ID: 107
Customer ID: 0
Principal Amount: 500000.0
Interest Rate: 3.5
Loan Term: 14
Loan Status: Approved
-----

Process finished with exit code 0
```



## 7.GET ALL LOANS BY LOAN ID

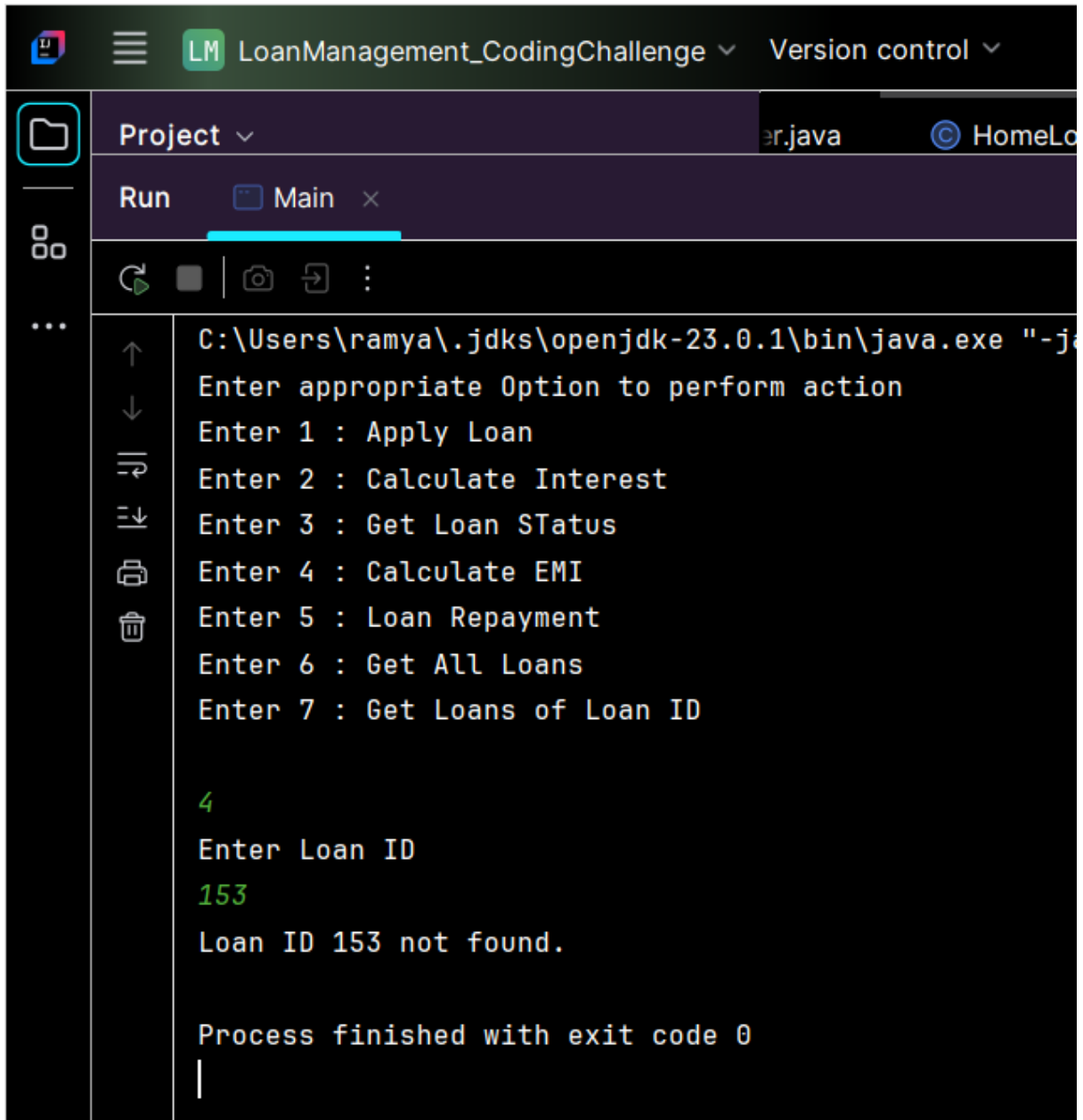


```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\
Enter appropriate Option to perform acti
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID
Enter 8 : TO Exit
7
Enter Loan ID
107
Loan ID: 107
Customer ID: 1
Principal Amount: 500000.0
Interest Rate: 3.5
Loan Term: 14
Loan Status: Approved

Process finished with exit code 0
```

NEXT

## EXCEPTION



```
C:\Users\ramya\.jdk\openjdk-23.0.1\bin\java.exe "-j
Enter appropriate Option to perform action
Enter 1 : Apply Loan
Enter 2 : Calculate Interest
Enter 3 : Get Loan Status
Enter 4 : Calculate EMI
Enter 5 : Loan Repayment
Enter 6 : Get All Loans
Enter 7 : Get Loans of Loan ID

4
Enter Loan ID
153
Loan ID 153 not found.

Process finished with exit code 0
|
```