```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 1

Enter street name: 2000 Rue Saint Marc
Enter city: Montreal
Enter postal code: H3H 2N9
Enter province: Quebec
Enter country: Canada

Which property do you want to add?
1. Apartment
2. Condo
3. House
Enter your choice: 1

Enter no of bedrooms: 2
Enter no of bathrooms: 1
Enter square foot area: 2342
Enter apartment number: 506

Apartment added with property ID: 1

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
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```
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 1

Enter street name: 2000 Rue Saint Marc
Enter city: Montreal
Enter postal code: H3H 2N9
Enter province: Quebec
Enter country: Canada

Which property do you want to add?
1. Apartment
2. Condo
3. House
Enter your choice: 1

Enter no of bedrooms: 2
Enter no of bathrooms: 2
Enter square foot area: 2567
Enter apartment number: 1905

Apartment added with property ID: 2

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 1
```

```
Enter street name: 1645 Rue Guy
Enter city: Montreal
Enter postal code: H3H 2N7
Enter province: Quebec
Enter country: Canada

Which property do you want to add?
1. Apartment
2. Condo
3. House
Enter your choice: 2

Enter no of bedrooms: 2
Enter no of bathrooms: 2
Enter square foot area: 3452
Enter condo number: 1703

Condo added with property ID: 3

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 1

Enter street name: Rue Catherine
Enter city: Montreal
Enter postal code: H5K 4A3
Enter province: Quebec
Enter country: Canada

Which property do you want to add?
```

```
1. Apartment
2. Condo
3. House
Enter your choice: 3
Enter street number: 1729

House added with property ID: 4

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 2

Enter name: Chandler Bing
Enter email: CB@gmail.com
Enter phone number: 7418520963

Tenant added with user ID: 1

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
```

```
Please enter your choice: 2

Enter name: Ross Gellar
Enter email: RS@gmail.com
Enter phone number: 9856321047

Tenant added with user ID: 2

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 2

Enter name: Joey Tribbiani
Enter email: JB@gmail.com
Enter phone number: 0231456879

Tenant added with user ID: 3

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
```

```
Please enter your choice: 2

Enter name: Monica Gellar
Enter email: MG@gmail.com
Enter phone number: 4568923107

Tenant added with user ID: 4

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 3

Enter tenant ID: 1
Enter property ID: 1
Enter duration of contract in months: 12
Enter monthly rate: 1111

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 3
```

Enter tenant ID: 3
Enter property ID: 3
Enter duration of contract in months: 24
Enter monthly rate: 2456

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 4
--------------List of Properties--------------

Please select from below option
1. List apartments
2. List condos
3. List houses
4. List all
Enter your choice: 1
[Apartment{
Property ID: 1
Address =506, 2000 Rue Saint Marc, Montreal, H3H 2N9, Que
Apartment details
noOfBedrooms =2
noOfBathrooms= 1
squareFootArea =2342.0
isOccupied = true}, Apartment{
Property ID: 2
Address =1905, 2000 Rue Saint Marc, Montreal, H3H 2N9, Qu
Apartment details
noOfBedrooms =2
noOfBathrooms= 2
squareFootArea =2567.0

isOccupied = false}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 4
--------------List of Properties--------------

Please select from below option
1. List apartments
2. List condos
3. List houses
4. List all
Enter your choice: 4
[Apartment{
Property ID: 1
Address =506, 2000 Rue Saint Marc, Montreal, H3H 2N9, Que
Apartment details
noOfBedrooms =2
noOfBathrooms= 1
squareFootArea =2342.0
isOccupied = true}, Apartment{
Property ID: 2
Address =1905, 2000 Rue Saint Marc, Montreal, H3H 2N9, Qu
Apartment details
noOfBedrooms =2
noOfBathrooms= 2
squareFootArea =2567.0
isOccupied = false}, Condo{
Property ID: 3
Address =1703, 1645 Rue Guy, Montreal, H3H 2N7, Quebec, C
Apartment details

```
noOfBedrooms =2
noOfBathrooms= 2
squareFootArea =3452.0
isOccupied = true}, House{
Property ID: 4
Address =1729, Rue Catherine, Montreal, H5K 4A3, Quebec,
isOccupied = false}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 5
--------------List of Tenants--------------
[Tenant{Tenant ID: 1
name = Chandler Bing
email = CB@gmail.com
phoneNo = 7418520963}, Tenant{Tenant ID: 2
name = Ross Gellar
email = RS@gmail.com
phoneNo = 9856321047}, Tenant{Tenant ID: 3
name = Joey Tribbiani
email = JB@gmail.com
phoneNo = 0231456879}, Tenant{Tenant ID: 4
name = Monica Gellar
email = MG@gmail.com
phoneNo = 4568923107}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
```

6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 6
--------------List of rented Properties-------------

Please select from below option
1. List apartments
2. List condos
3. List houses
4. List all
Enter your choice: 4
[Apartment{
Property ID: 1
Address =506, 2000 Rue Saint Marc, Montreal, H3H 2N9, Que
Apartment details
noOfBedrooms =2
noOfBathrooms= 1
squareFootArea =2342.0
isOccupied = true}, Condo{
Property ID: 3
Address =1703, 1645 Rue Guy, Montreal, H3H 2N7, Quebec, C
Apartment details
noOfBedrooms =2
noOfBathrooms= 2
squareFootArea =3452.0
isOccupied = true}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract

10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 7
--------------List of vacant Properties--------------

Please select from below option
1. List apartments
2. List condos
3. List houses
4. List all
Enter your choice: 4
[Apartment{
Property ID: 2
Address =1905, 2000 Rue Saint Marc, Montreal, H3H 2N9, Qu
Apartment details
noOfBedrooms =2
noOfBathrooms= 2
squareFootArea =2567.0
isOccupied = false}, House{
Property ID: 4
Address =1729, Rue Catherine, Montreal, H5K 4A3, Quebec,
isOccupied = false}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 8
--------------List of leases--------------
[Contract{
Contract ID: 1

tenantId = 1
propertyId = 1
Contract startDate = 2023-03-13
Contract endDate = 2024-03-13
monthlyRate = 1111.0}, Contract{
Contract ID: 2
tenantId = 3
propertyId = 3
Contract startDate = 2023-03-13
Contract endDate = 2025-03-13
monthlyRate = 2456.0}]

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 11

Enter tenant ID: 1
Enter property ID: 1
Enter month for which you want to check the rent status:
Enter year for which you want to check the rent status: 2

Rent is not paid

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units

```
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 12

Enter tenant ID: 1
Enter property ID: 1
Enter month for which you want pay the rent: 5
Enter year for which you want to pay the rent: 2023

Rent paid successfully


1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 11

Enter tenant ID: 1
Enter property ID: 1
Enter month for which you want to check the rent status:
Enter year for which you want to check the rent status: 2

Rent is paid


1. Add a property
2. Add a tenant
3. Create contract
```

4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 10

Enter tenant ID: 2
Enter property ID: 3

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 10

Enter tenant ID: 4
Enter property ID: 3

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract

```
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 9

Enter tenant ID: 3
Enter property ID: 3

Message sent to the Interested Tenant with Id: 2

Message sent to the Interested Tenant with Id: 4

1. Add a property
2. Add a tenant
3. Create contract
4. Display properties
5. Display tenants
6. Display rented units
7. Display vacant units
8. Display all leases
9. Cancel contract
10. Enter tenant interest
11. Get rent status
12. Pay rent
13. Exit
Please enter your choice: 13
Good bye...

Process finished with exit code 0
```