/ SOEN 6441 Winter 2023 section WW: Project Phase 1**
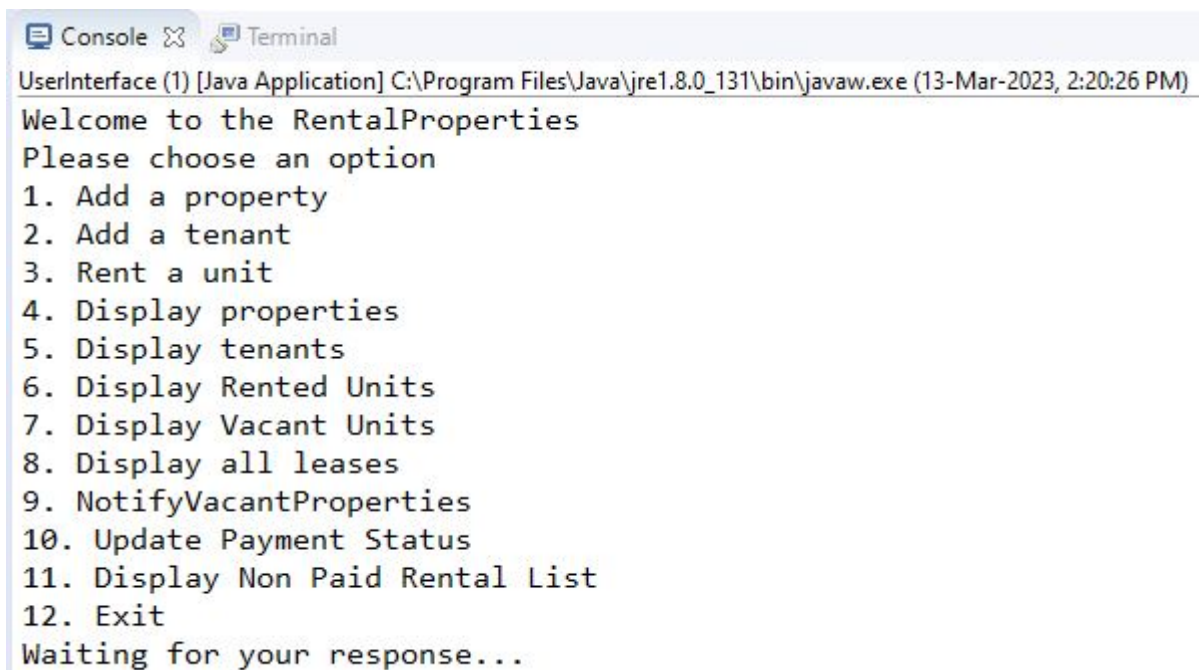
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1. Welcome to Property Rental System

```
Console 🔳 Terminal
UserInterface (1) [Java Application] C:\Program Files\Java\jre1.8.0_131\bin\javaw.exe (13-Mar-2023, 2:20:26 PM)
Welcome to the RentalProperties
Please choose an option
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...
```

2. Add new Property in the system
    a) Add an Apartment in the system.

```
Waiting for your response...1
Please Enter Type of Property you want to add
1. Apartment
2. Condo
3. House
3
Address
Downtown
City
Toronto
State
Ontario
Postal Code
FGE334
Rent
1500
Please enter Street Number
129
Property Added Successfully
```

    b) Add a House in the system.

```
Waiting for your response...1
Please Enter Type of Property you want to add
1. Apartment
2. Condo
3. House
1
Address
8541 XYZ Montreal
City
Montreal
State
Quebec
Postal Code
H8R2S1
Rent
1000
Please enter Apartment Number
8761
Please enter number of BedRooms
3
Please enter number of BathRooms
1
Please enter number of Square Footage
100
Property Added Successfully
```

3. Add new Tenants in the system

```
Waiting for your response...2
Please Enter name of Tenant
Khush
Please Enter email ID of Tenant
Khush@outlook.com
Please enter number of properties you are Interested in
1
Please Enter details of property Number : 1
Please Enter Type of Property to rent
1. Apartment
2. Condo
3. House
3
City
Toronto
State
Ontario
Postal Code
FGE334
Please enter Street Number
129
Tenant Added Successfully


Waiting for your response...2
Please Enter name of Tenant
Arsh
Please Enter email ID of Tenant
Khush@gmail.com
Please enter number of properties you are Interested in
1
Please Enter details of property Number : 1
Please Enter Type of Property to rent
1. Apartment
2. Condo
3. House
1
City
Montreal
State
Quebec
Postal Code
H8R2S1
Please Enter Apartment Number
8761
Tenant Added Successfully
```

4. Rent a property to Tenant

```
Waiting for your response...3
Please Enter name of Tenant
Arsh
Please Enter email ID of Tenant
Khush@gmail.com
Please Enter Type of Property to rent
1. Apartment
2. Condo
3. House
1
City
Montreal
State
Quebec
Postal Code
H8R2S1
Please Enter Apartment Number
8761
Please Enter lease start date in DD/MM/YYYY format
01/05/2023
Please Enter lease end date in DD/MM/YYYY format
12/12/2023
Property Rented Successfully to Arsh
```

5. Display all properties in the system

```
Waiting for your response...4
***********APARTMENTS*************
Address : 8541 XYZ Montreal
City : Montreal
State : Quebec
Postal Code : H8R2S1
Rent : 1000.0
Apartment Number : 8761
Number of BedRooms : 3
Number of BathRooms: 1
Square Footage: 100
***********CONDOS*************
***********HOUSES*************
Address : Downtown
City : Toronto
State : Ontario
Postal Code : FGE334
Rent : 1500.0
Street Number : 129
Please choose an option
```

6. Display all Tenants in the system

```
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...5
Tenant Name : Arsh
Tenant Email : Khush@gmail.com
Tenant Name : Khush
Tenant Email : Khush@outlook.com
Please choose an option
```

7. Display all Rented Units

```
Please choose an option
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...6
***********APARTMENTS*************
Address : 8541 XYZ Montreal
City : Montreal
State : Quebec
Postal Code : H8R2S1
Rent : 1000.0
Apartment Number : 8761
Number of BedRooms : 3
Number of BathRooms: 1
Square Footage: 100
***********CONDOS*************
***********HOUSES*************
Please choose an option
```

8. Display all Vacant Units

```
Please choose an option
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...7
***********APARTMENTS*************
***********CONDOS*************
***********HOUSES*************
Address : Downtown
City : Toronto
State : Ontario
Postal Code : FGE334
Rent : 1500.0
Street Number : 129
Please choose an option
```

9. Display all Leases

```
Please choose an option
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...8
Tenant Name : Arsh
Tenant Email : Khush@gmail.com
Property Address : 8541 XYZ Montreal
Start Date : Mon May 01 00:00:00 EDT 2023
End Date : Tue Dec 12 00:00:00 EST 2023
Rent Amount : 1000.0
Please choose an option
```

10. Notify Property Vacancy to Tenant

```
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...9
Dear Khush
The property with details :
   Address - Downtown
   City - Toronto
   State - Ontario
   Postal Code : FGE334
   Street Number - 129
   Rent - 1500.0
is Vacant now.
You can connect with your agent for other details

Thanks and Regards,
RentalProperties
Please choose an option
```

11. Update Payment Status of property

```
Waiting for your response...10
Please Enter name of Tenant
Arsh
Please Enter email ID of Tenant
Khush@gmail.com
Please Enter Type of Property to rent
1. Apartment
2. Condo
3. House
1
City
Montreal
State
Quebec
Postal Code
H8R2S1
Please Enter Apartment Number
8761
Please Enter Payment Status
1. Paid
2. Unpaid
1
Property rent details updated successfully for Tenant : Arsh
Please choose an option
```

12. Display List of all properties with rent not paid.

a) Before Rent Payment

```
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...11
***********APARTMENTS*************
Address : 8541 XYZ Montreal
City : Montreal
State : Quebec
Postal Code : H8R2S1
Rent : 1000.0
Apartment Number : 8761
***********CONDOS*************
***********HOUSES*************
Please choose an option
```

b) After Rent Payment

```
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...11
***********APARTMENTS*************
***********CONDOS*************
***********HOUSES*************
Please choose an option
```

13.Exit

```
Please choose an option
1. Add a property
2. Add a tenant
3. Rent a unit
4. Display properties
5. Display tenants
6. Display Rented Units
7. Display Vacant Units
8. Display all leases
9. NotifyVacantProperties
10. Update Payment Status
11. Display Non Paid Rental List
12. Exit
Waiting for your response...12
!Exiting the System.Thanks for using system.
```