

```
1 trigger test on Tenant__c (before insert)
2
3 {
4
5     if(trigger.isInsert && trigger.isBefore){
6
7         testHandler.preventInsert(trigger.new);
8
9     }
10
11 }
```

```
1 public class testHandler {
2
3     public static void preventInsert(List<Tenant__c> newList) {
4
5         Set<Id> existingPropertyIds = new Set<Id>();
6
7         for (Tenant__c existingTenant : [SELECT Id, Property__c FROM Tenant__c WHERE Property__c != null]) {
8
9             existingPropertyIds.add(existingTenant.Property__c);
10
11         }
12
13
14         for (Tenant__c newTenant : newList) {
15
16
17
18             if (newTenant.Property__c != null && existingPropertyIds.contains(newTenant.Property__c)) {
19
20                 newTenant.addError('A tenant can have only one property');
21
22             }
23
24         }
25
26     }
```

```
1 global class MonthlyEmailScheduler implements Schedulable {
2
3     global void execute(SchedulableContext sc) {
4
5         Integer currentDay = Date.today().day();
6
7         if (currentDay == 1) {
8
9             sendMonthlyEmails();
10
11         }
12     }
13 }
14
15
16 public static void sendMonthlyEmails() {
17
18     List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];
19
20     for (Tenant__c tenant : tenants) {
21
22         String recipientEmail = tenant.Email__c;
23
24         String emailContent = 'I trust this email finds you well. I am writing to remind you that the monthly rent is due Your timely payment
25     }
```

```
String emailSubject = 'Reminder: Monthly Rent Payment Due';

Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();

email.setToAddresses(new String[]{recipientEmail});

email.setSubject(emailSubject);

email.setPlainTextBody(emailContent);

Messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});

}

}
```

