**LEASE MANAGEMENT PROGRAM**

**CODING:**

from datetime import datetime, timedelta  
  
class Lease:  
    def \_\_init\_\_(self, tenant\_name, property\_address, start\_date, duration\_months, rent\_amount):  
        self.tenant\_name = tenant\_name  
        self.property\_address = property\_address  
        self.start\_date = datetime.strptime(start\_date, "%Y-%m-%d")  
        self.duration\_months = duration\_months  
        self.rent\_amount = rent\_amount  
        self.end\_date = self.start\_date + timedelta(days=30 \* duration\_months)  
     
    def display\_lease(self):  
        print(f"Tenant: {self.tenant\_name}")  
        print(f"Property: {self.property\_address}")  
        print(f"Lease Start: {self.start\_date.date()}")  
        print(f"Lease End: {self.end\_date.date()}")  
        print(f"Duration: {self.duration\_months} months")  
        print(f"Rent: ₹{self.rent\_amount}/month")  
  
    def is\_active(self):  
        return datetime.now() < self.end\_date  
  
  
# Example usage  
lease1 = Lease("Arun Kumar", "Flat 102, Chennai", "2024-01-01", 12, 15000)  
lease1.display\_lease()  
  
if lease1.is\_active():  
    print("✅ Lease is active.")  
else:  
    print("⚠ Lease expired.")  
lease2 = Lease("priya dharshini","flat 105, Tiruppur", "2025-9-20",12, 10000)  
lease2.display\_lease()  
  
if lease2.is\_active():  
    print("✅ Lease is active.")  
else:  
    print("⚠ Lease expired.")

**OUTPUT:**

Tenant: Arun Kumar  
Property: Flat 102, Chennai  
Lease Start: 2024-01-01  
Lease End: 2024-12-26  
Duration: 12 months  
Rent: ₹15000/month  
⚠ Lease expired.

Tenant: priya dharshini  
Property: flat 105, Tiruppur  
Lease Start: 2025-09-20  
Lease End: 2026-09-15  
Duration: 12 months  
Rent: ₹10000/month  
✅ Lease is active.