```sql
Create view PatientAppointments
        as Select PATIENT.Patient_ID, PATIENT.First_name, PATIENT.Surname, PATIENT.address,
APPOINTMENT.Appointment_ID, APPOINTMENT.Appointment_Date, APPOINTMENT.Appointment_time
                from PATIENT
                        inner join APPOINTMENT on PATIENT.Patient_ID = APPOINTMENT.Patient_ID;

Create view Patientbills
        as Select PATIENT.Patient_ID, PATIENT.First_name, PATIENT.Surname,
APPOINTMENT.Appointment_ID, BILL.Bill_ID, Bill.Bill_Date, Bill.Total_due, PAYMENT.Payment_ID,
PAYMENT.Payment_Date, PAYMENT.Amount_paid
                from PATIENT
                        inner join Bill on PATIENT.Patient_ID = Bill.Patient_ID
                                left join PAYMENT on Bill.Bill_ID = PAYMENT.Bill_ID
                                inner join APPOINTMENT on PATIENT.patient_ID =
APPOINTMENT.Patient_ID;




INSERT INTO PATIENT (First_name, Surname , Gender ,Data_of_birth, Address, County, Phone_Number)
Values
('Thiago', 'Dias', 'M', '1983-03-01', 'Stonebridge', 'Dublin','089998889'),
('Michael', 'Hene', 'M', '1968-05-22', 'Eagle road', 'Galway', '087998833'),
('Grainne', 'OConnor', 'F','1970-12-20', 'Marrion Road' , 'Dublin', '085997711'),
('Roisin', 'Dale', 'F','1961-02-11', 'Shankill lane', 'Dublin', '083112233'),
('Ronan', 'Carril', 'M','1991-07-01', 'Black Rock', 'Cork', '085552200'),
('Pedro', 'Novaes', 'M','1995-08-20', 'Cabra Park', 'Wicklow', '0683665296'),
('Roger', 'Petrovisck', 'M', '1993-02-01', 'Bray road','Wicklow', '087777221');

INSERT INTO TREATMENT (Treatment_code, Treament_description, Fees)
Values
('CC0001', 'CANCELATION', '10'),
('CI0120', 'consultation', '120'),
('PR0100', 'prophylaxis', '100'),
('PE0120', 'Periodontal', '120'),
('RC0200', 'Root Canal', '200'),
('FI0080', 'Filling', '80'),
('WE0300', 'Wisdom tooth Extraction', '300'),
('XR0050', 'X-ray', '50'),
('CR0350', 'Crown', '350');

INSERT INTO SPECIALIST (Specialist_ID, Specialist_Name)
Values
('9999', 'General Dentist'),
('8888', 'Orthodontist'),
('7777', 'Surgeon'),
('6666', 'Periodontist'),
('5555', 'Implant Specialist');




INSERT INTO APPOINTMENT (Appointment_date, Appointment_time, Patient_ID, Appointment_made_via,
Treatment_code, Specialist_ID)
Values
('2018-03-30', '13:00:00', '1','Drop in', 'CC0001', '9999'),
('2018-03-29', '13:30:00', '2','Phone', 'PR0100', '6666'),
('2018-02-28', '14:30:00', '3','Post', 'PE0120', '8888'),
('2018-04-24', '17:30:00', '4','Post', 'RC0200', '5555'),
('2018-04-31', '09:30:00', '5', 'Phone', 'FI0080', '9999'),
```

('2018-04-31', '13:00:00', '5', 'Phone','WE0300', '7777'),
('2018-04-15', '09:00:00', '6', 'Drop in','XR0050','9999');

INSERT INTO BILL (Bill_Date, Appointment_ID, Patient_ID, Treatment_code, Fees, Total_due)
Values
('2018-03-30','1', '1', 'CC0001', '10','10'),
('2018-03-29','2', '2', 'PR0100', '100','100'),
('2018-02-28','3', '3', 'PE0120', '120','120'),
('2018-04-24','4', '4', 'RC0200', '200','200'),
('2018-04-31','5', '5', 'FI0080', '080','080'),
('2018-04-15','6', '5', 'WE0300', '300','300');

INSERT INTO PAYMENT (Bill_ID, Patient_ID, Payment_Date, Amount_paid, Payment_type)
Values
('1', '1','2018-05-02', '30', 'VISA'),
('2', '2','2018-05-01', '100', 'VISA'),
('3', '3','2018-04-30', '60', 'CASH'),
('4', '4','2018-04-01', '200', 'MASTER'),
('5', '5','2018-05-30', '50', 'MASTER'),
('6', '6','2018-04-20', '100', 'CHEQUE'),
('6', '6','2018-04-30', '100', 'CHEQUE'),
('1', '1','2018-05-01', '20', 'VISA'),
('2', '2','2018-05-01', '60','CHEQUE');