AdaptIT -DATABASE EXCERCISE



SELECT P.ID,P.Name,P.Surname,(D.Name + ISNULL(SUBSTRING(D.Surname,1,1),'')) as Doctor

,Count(A.Diagnosis\_ID) As [Number Of Diagnosis]

,C.consultation\_ID,DATEDIFF(MINUTE,C.Date\_Started,C.Date\_Completed) As [Minutes Taken]

,P.Bill\_Address,B.Bill\_ID

,SUM((DATEDIFF(MINUTE,C.Date\_Started,C.Date\_Completed)/15)\* B.ChargePer15min) + Count(A.Diagnosis\_ID) \* B.ChargePerDiagnosis As [Calculated Bill]

,(SELECT SUM(Balance) FROM Temp\_BillTable WHERE PatientID = P.ID AND Balance > 0 ) AS [Outstanding Balance]

FROM Temp\_DiagnosisTable As A

INNER JOIN Temp\_PatientTable As P on A.PatientID = P.ID

INNER JOIN Temp\_DoctorTable as D on A.DoctorCode = D.DoctorCode

LEFT JOIN Temp\_ConsultationTable as C on A.Consultation\_ID = C.consultation\_ID

LEFT JOIN Temp\_BillTable as B on P.ID = B.PatientID

WHERE MONTH(A.Date) = /\*INPUT MONTH\*/ AND P.ID= /\*INPUT PATIENT ID\*/

GROUP BY P.ID,P.Name,P.Surname,D.Name,D.Surname,C.consultation\_ID,C.Date\_Started,C.Date\_Completed,P.Bill\_Address,B.Bill\_ID,B.ChargePerDiagnosis,B.ChargePer15min