SQL Assignment 3

Create the following tables:

Table Name: Tourist   Table Name: Places

Primary Key: Tcode   Primary Key: Pcode

Travel_Date: Default 1-1-1900   Foreign Key: T_code

Tcode	Name	Age	Agency	Package_Amt	Travel_Date
101	Raghavendra	26	Cross Roads	12000	23-Jan-2010
102	Shazia	32	Go Places	10000	24-Mar-2010
103	Hardeep	30	Cross Roads	8000	21-Apr-2009
105	Lisa	23	Cross Roads	9000	18-Jul-2009
108	Diana	21	Go Places	15000	11-Mar-2010
109	Madhu	23	Go Places	15000	17-Mar-2010
110	Srinivas	30	Cross Roads	2000	16-Mar-2009
111	Medha	29	Go Places	16560	14-Jun-2009
112	Uma	33	Cross Roads	20000	15-Dec-2010
113	Kavita	34	Cross Roads	21000	15-Nov-2009

Pcode	Name	T_code
11	Agra	101
12	Jodhpur	103
13	Waynad	105
14	Alapuzha	105
15	Srinagar	113
16	Ajmer	111
17	Kanyakumari	112
18	Jharkhand	110

a. Display the total earnings of each agency
b. Create another table called temp_tour which consists of tcode,tourist name, package amount where the agency is Go Places and the package amount is greater than 10000
c. Display the name of the tourist and his/her destination
d. Display the count of places where the name of the place starts with 'A'
e. Create a view of tourists v_tourist from Cross Roads consisting of all details except agency name.
f. Update the view, increase the package_amt by 10% as surcharge
g. Select all tourist where the age is 21,23 or 26
h. Display the tourist id and a column called projected discount that consists of the values of the package, if a discount of 10% is given to each package.
i. Show Hardeep, Kavita and medha's package_amt and location.
j. Display data in their format <Name> took package at agency <Agency>
k. Display the system date

Output questions

a. Select count(distinct Agency) from tourist
b. Select Max(travel_date) from Tourist
c. Seect sum(Package_amt) from tourist where age>26
d. Select avg(Package_amt)from tourist group by agency