

a) Create the following tables:-

Table Name: **Student_details**

Column Name	Data Type	Size	Attribute
Sid	Char	6	Primary Key
Name	Varchar	25	
Address	Varchar	35	
Branch	char	5	Must be CSE/IT/EE/ECE/MCA/BCA
Adm_Date	date		Must be greater than 1st June 2002

Table Name: **Student_marks**

Column Name	Data Type	Size	Attribute
Sid	Char	6	references Sid of Student_details
m_sub1	number	3	between 0 and 100
m_sub2	number	3	between 0 and 100
m_sub3	number	3	between 0 and 100

b) Insert 10 rows data in each table.

c) Solve the following :-

- Show Name & Branch of all student.
- Show the student info. whose name starts with the char. 'A'
- Display student info. of 'IT' department.
- Show the student info. of 'MCA' department whose address is 'Salt Lake'.
- Show the student name & Sid admitted on 28-08-2003
- Display the Sid of students admitted in the year 2002
- Show the total marks of the student whose Sid is 'S0005'
- Show the student id who failed in subject2 (marks less than 45)
- Show the student id who failed in subject1 & subject3(marks less than 45)
- Show the student id who failed in subject2 (marks less than 45) but passed in subject1 & subject3 (marks ≥ 45)
- Show Sid, percentage of marks from student_marks table.