Graded Lab - 2

Create these tables which consist of following attributes

College

Column Name	Data type	Size
cName	varchar	10
state	varchar	10
enrollment	int	10

Student

Column Name	Data type	Size
sID	int	10
sName	varchar	10
GPA	numeric	2,1
sizeHS	int	10
DoB	date	-

Apply

Column Name	Data type	Size
sID	int	10
cName	varchar	10
major	varchar	20
decision	char	1

Insert the following data to these tables:

Student

sID	sName	GPA	sizeHS	DoB
123	Amy	3.9	1000	26-JUN-96
234	Bob	3.6	1500	7-Apr-95
345	Craig	3.5	500	4-Feb-95
456	Doris	3.9	1000	24-Jul-97
567	Edward	2.9	2000	21-Dec-96
678	Fay	3.8	200	27-Aug-96
789	Gary	3.4	800	8-Oct-96
987	Helen	3.7	800	27-Mar-97
876	Irene	3.9	400	7-Mar-96
765	Jay	2.9	1500	8-Aug-98
654	Amy	3.9	1000	26-May-96
543	Craig	3.4	2000	27-Aug-98

Apply

sID	cName	major	decision
123	Stanford	CS	Y
123	Stanford	EE	N
123	Berkeley	CS	Y
123	Cornell	EE	Y
234	Berkeley	biology	N
345	MIT	bioengineering	Y
345	Cornell	bioengineering	N
345	Cornell	CS	Y
345	Cornell	EE	N
678	Stanford	history	Y
987	Stanford	CS	Y
987	Berkeley	CS	Y
876	Stanford	CS	N
876	MIT	biology	Y
876	MIT	marine biology	N
765	Stanford	history	Y
765	Cornell	history	N
765	Cornell	psychology	Y
543	MIT	CS	N

College

cName	state	enrollment
Stanford	CA	15000
Berkeley	CA	36000
MIT	MA	10000
Cornell	NY	21000
Harvard	MA	50040

State of the SQL Queries for each of the following:

List the student names those are having three characters in their Names.

2. List the student names those are starting with 'H' and with five characters.

3. List the student names those are having third character and fifth char. must be 'e'.

4. List the student names ending with 'y'.

5. List the Students in the order of their GPA.

6. List the details of the students in order of the ascending of GPA and descending of DoB.

7. List the sIDs of student who apply in either 'Stanford', 'Cornell' or 'MIT' college.

8. Delete all applications filled at Stanford (*Choose table wisely*)

9. Delete the college Stanford from college table.

10. Modify the GPA of all students by giving 10% raise in their GPA.

11. Increment the GPA of the students by 1.5 whose GPA is less than 3.5 and belongs to High School having size greater than 1500.

12. Delete the students who have scored less than 3.2 GPA.