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Section: B

Class Test 08

Create the tables given below with all given specifications and insert the given data in the created tables. Here S_Id, H_Id are the ***primary key columns*** of Student and House table respectively. Student table also has a ***foreign key*** column H_No.

Table: Student

S_Id	S_Name	**H_No**
2	Harry	11
7	Ron	11
12	Hannah	22
17	Cedric	22
22	Cho	33
27	Luna	33
32	Draco	44
37	Goyle	44

Table: House

H_Id	H_Name
11	Gryffindor
22	Hufflepuf
33	Ravenclaw
44	Slytherin
55	Harry

1. Create a ***sequence*** that has initial value 2, increments by 5, whose maximum value is 97 and which has neither cache nor cycle. You must use the sequence to assign values to S_Id i.e. the primary key column of the Student table.
2. Create an ***index*** on S_Id and S_Name columns from Student table.
3. Write a subquery that displays those students who have IDs that are greater than Cedric's.
4. Write a join query that displays the Student Name and House Name of each student.
5. Create a ***view*** consisting of only S_Name column from Student table.
6. Write a query that ***deletes*** the created view. Make sure to untick the auto commit option before deleting the view.
7. Using ***rollback*** re-create the deleted view.
8. Create a synonym for the view you created earlier.

1) create sequence S_Id

increment by 5

start with 2

```
MAXVALUE 97
NOCACHE
NOCYCLE;

2) create INDEX stu
on Student (S_ID, S_Name);

3) select S_Id
from Student
where id > (select S_Id
from Student=17);

4) select Student.S_Name, House.H_Name
from Student, House
where Student.H_No= House.H_No;

5) create view sname
as select S_Name
from Student;

6) DROP VIEW sname;
7) rollback;

8) create synonym stu_name
for sname;
```