**Class Test 06**

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 Table: House**

|  |  |  |
| --- | --- | --- |
| 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 |

|  |  |
| --- | --- |
| 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.