Assignment

Feb20/ DBT/ 012

Database Technologies

Diploma in Advance Computing

February 2020

**Temporary tables and VIEWS**

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| 1. Write a query to create a view named StudentAddress for all students with their address details. |
| create view StudentAddress as select student.\*, address from student, student\_address where student.ID = student\_address.studentID; |
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| 1. Write a query to create a view named StudentQualifications for all students with their qualification details. |
| create view StudentQualifications as select student.\*, name, college, university, marks, year from student, student\_qualifications where student.ID = student\_qualifications.studentID; |
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| 1. Write a query to create a view named ***ModuleDuration*** that display the module name and the duration of the module for the batch “Batch1”. |
| Create view ModuleDuration as select modules.name, modules.duration from modules, course\_modules, course\_batches where modules.ID = course\_modules.moduleID andcourse\_modules.courseID = course\_batches.courseID and course\_batches.name='Batch1'; |
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| 1. Write a query to create a view named ***PGDACModules*** which display module names that are taught in ‘PG-DAC’ course. |
| create viewPGDACModules as select course.name, modules.name from course, modules, course\_modules where course.id = course\_modules.courseID and modules.ID = course\_modules.moduleID and course.name='PG-DAC'; |
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| 1. Write a query to create a view named S***tudent\_BE\_2017*** with columns (all student details with their student\_qualifications.name, student\_qualifications.college, student\_qualifications.university, student\_qualifications.marks, and student\_qualifications.year) who have done ‘BE’ in 2017. |
| create view Student\_BE\_2017 as select student.\*, name, college, university, marks, year from student, student\_qualifications where student.ID = student\_qualifications.studentID and year=2017 and student\_qualifications.name='BE'; |
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| 1. Write a query to create a view named S***tudentView*** and add 2 records from the StudentView view. |
| create view StudentView as select \* from students; |
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| 1. Write a query to create a view named **CourseJava** that display the courses where ‘JAVA1’ is taught. |
| create view CourseJava as select course.\* from modules, course\_modules, course where modules.ID = course\_modules.moduleID and course\_modules.courseID = course.ID and modules.name='Java1'; |
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| 1. Write a query to create a view named **Student\_A** that gets all the students whose namefirst starts with ‘A’. |
| create view Student\_A as select \* from student where namefirst like ‘A%’; |
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| 1. Create temporary table named studentAddress as Student and his address (columns to be taken namefirst, namelast, DOB, emailID, and address) (hint: use AS ) |
| create temporary table studentAddress as select namefirst, namelast, DOB, emailID, address from student, student\_address where student.id = student\_address.studentID; |
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| 1. Create temporary table named ***temp\_student*** alike student relation. (hint: use LIKE ) |
| create temporary table temp\_student like student; |
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