 *DEPARTMENT OF COMPUTER ENGINEERING* Experiment No: 9

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| Semester | S.E. Semester IV – Computer Engineering |
| Subject | Database Management Systems Laboratory. |
| Lectures Professor In-charge | Prof. Suja Jayachandran |
| Practicals Professor In-Charge | Prof. Suja Jayachandran |
| Laboratory number | M312 |

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| Roll Number | 21102A0014 | | |
| Grade |  | Teacher’s Signature |  |

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| Experiment No: | 9 | |
| Experiment Title | join operation | |
| Resources / Apparatus Required | Hardware:  PC | Software:  PostgreSQL |
| Objectives  (Skill Set / Knowledge Tested / Imparted) | 1)To Study join operation | |
| Historical Profile |  | |
| Theory | A join operation is used to combine two or more tables in a relational database based on a common column or set of columns.  The most common types of join operations are inner join, left join, right join, and full outer join.  Inner join: It returns only the matching rows between two tables.  Left join: It returns all rows from the left table and matching rows from the right table.  Right join: It returns all rows from the right table and matching rows from the left table.  Full outer join: It returns all rows from both tables, including non-matching rows. | |
| Implementation | 1)inner join  Graphical user interface, text, application  Description automatically generated with medium confidence  2)left join  Table  Description automatically generated  3)right join  Table  Description automatically generated  4)full outer join  Table  Description automatically generated | |
| Conclusion | DBMS (Database Management System)date and string operation are used on data in a database for operation related to date and string | |
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