

Queries in DBMS Projects

1. `select * from student where studentID=?;` ———> get student by student id
2. `select s.* from student s inner join Transaction_details td on s.studentID=td.studentID where td.paymentMode='Online';` ———> to select student whose payment mode is online
3. `UPDATE student SET name = ?, age = ?, gender = ?, email = ? WHERE student_id = ?;` ———> update student using studentID
4. `DELETE FROM student WHERE student_id = ?;` ———> delete student using student id
5. `select * from student where batchID=?;` ———> get student using batch id
6. `select * from FeeStructure;` ———> to show all fee structures
7. `INSERT INTO FeeStructure (batchID, tuitionFee, messFee, hostelFee) VALUES (?, ?, ?, ?);` ———> query to add a new fee structure
8. `select * from FeeStructure where batchId=?;` ———> get fee structure by batch id
9. `select s.*,td.scholarship from student s inner join Transaction_details td on s.studentID=td.studentId where td.scholarship > 0;` ———> query to get all students with some scholarship
10. `select * from Transaction_details;` ———> query to get all the transactions
11. `select * from Transaction_details where studentId=?;` ———> query to get transactions using student id
12. `select * from Transaction_details where transactionId=?;` ———> query to get transactions using transaction id
13. `SELECT DISTINCT t.studentId, s.startDate, s.endDate FROM Transaction_details t JOIN Semester s ON t.semesterId = s.semesterId WHERE NOT EXISTS (SELECT 1 FROM Transaction_details t2 WHERE t2.studentId = t.studentId AND t2.semesterId = t.semesterId) OR (SELECT MAX(t3.transactionDate) FROM Transaction_details t3 WHERE t3.studentId = t.studentId AND t3.semesterId = t.semesterId) < s.endDate ORDER BY t.studentId, s.startDate;` ———> query to get student who paid their fees on time