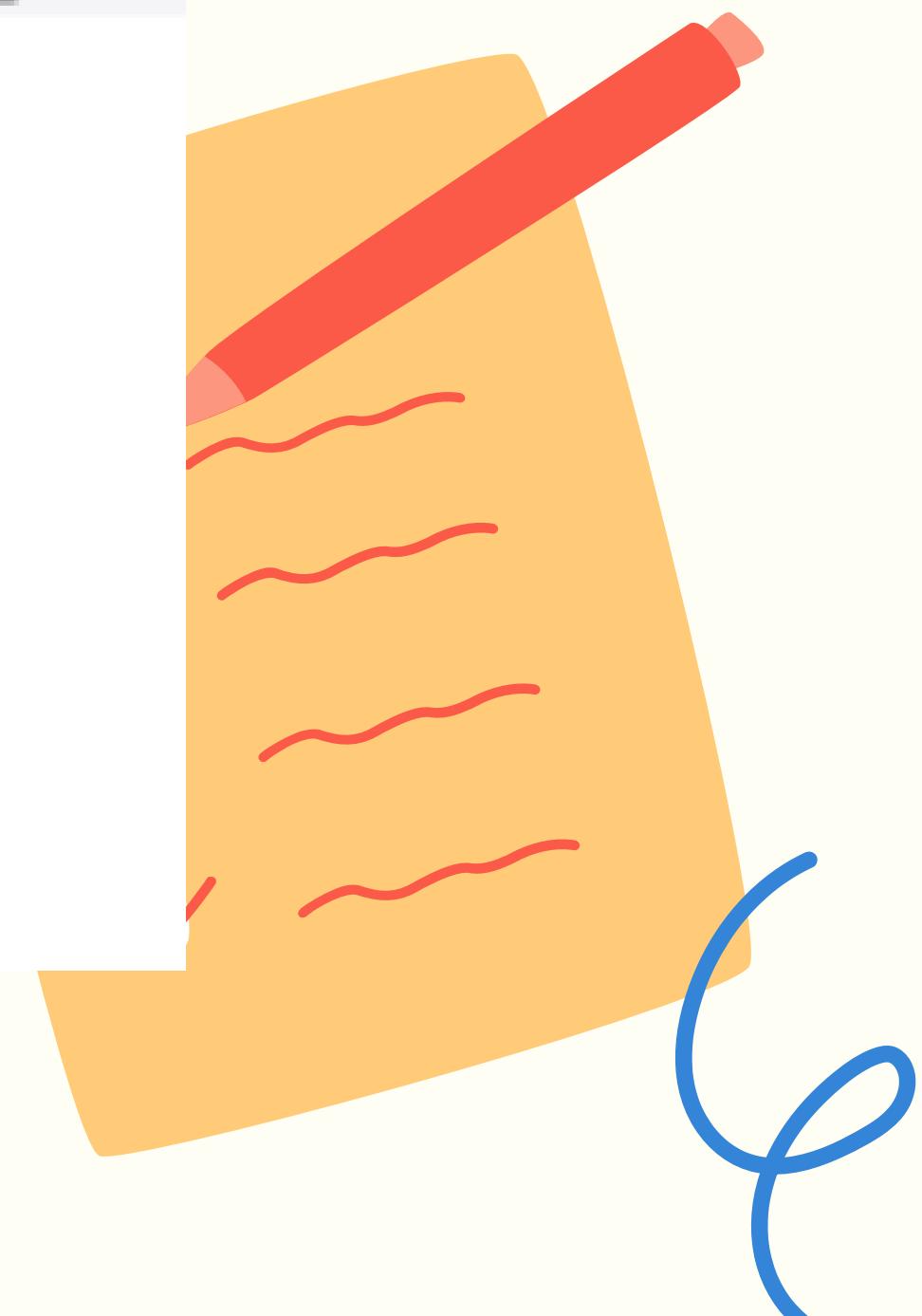


List all students enrolled in at least two different courses.

Result Grid | Filter Rows: Exp

| | Student_ID | Name | num_courses |
|---|------------|-------------|-------------|
| ▶ | 1 | Ravi Kumar | 2 |
| | 2 | Neha Sharma | 2 |
| | 3 | Aman Gupta | 2 |
| | 4 | Pooja Mehta | 2 |
| | 5 | Karan Patel | 2 |
| | 6 | Simran Das | 2 |



Display the top three courses with the highest number of enrollments

| | Course_ID | Title | num_enrolled |
|---|-----------|-------------------|--------------|
| ▶ | 101 | Database Systems | 4 |
| | 201 | Digital Circuits | 3 |
| | 102 | Operating Systems | 2 |

Retrieve the average marks of students for each course.

| | Course_ID | Title | avg_marks |
|---|-----------|----------------------|-----------|
| ▶ | 101 | Database Systems | 94.40 |
| | 102 | Operating Systems | 92.62 |
| | 201 | Digital Circuits | 86.00 |
| | 301 | Thermodynamics | 72.00 |
| | 401 | Structural Analysis | 95.00 |
| | 501 | Electrical Machines | 80.00 |
| | 601 | Data Communication | 83.00 |
| | 701 | Biotech Fundamentals | 76.00 |
| | 202 | Microprocessors | 77.00 |

Find the instructors who teach all the courses offered by their department.

| Instructor_ID | Name |
|---------------|---------------|
| 3 | Rohit Singh |
| 4 | Kavita Das |
| 5 | Anil Kumar |
| 6 | Preeti Nair |
| 7 | Vikram Rao |
| 8 | Neeta Verma |
| 9 | Manish Gupta |
| 10 | Rina Banerjee |

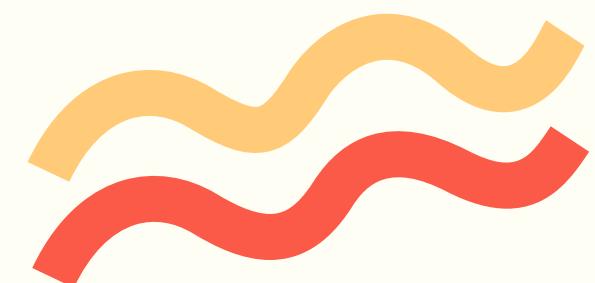
Display department-wise total courses and average credits.

| | Dept_ID | Dept_Name | total_courses | avg_credits |
|---|---------|------------------------|---------------|-------------|
| ▶ | 1 | Computer Science | 3 | 3.33 |
| | 2 | Electronics | 2 | 3.50 |
| | 3 | Mechanical | 2 | 3.50 |
| | 4 | Civil | 1 | 4.00 |
| | 5 | Electrical | 1 | 3.00 |
| | 6 | Information Technology | 1 | 3.00 |
| | 7 | Biotechnology | 1 | 4.00 |
| | 8 | Chemical | 0 | NULL |
| | 9 | Aerospace | 0 | NULL |
| | 10 | Mathematics | 0 | NULL |

Show students who have not enrolled in any course.

Result Grid | Filter Rows:

| | Student_ID | Name |
|---|------------|------------|
| ▶ | 10 | Tushar Rao |
| | 11 | Devika Rao |
| | 12 | Sahil Khan |



Retrieve students and instructors belonging to the same department

| | Student_ID | Student | Instructor_ID | Instructor | Dept_Name |
|--|------------|-------------|---------------|---------------|---------------------|
| | 1 | Ravi Kumar | 1 | Amit Sharma | Computer Science |
| | 1 | Ravi Kumar | 2 | Sneha Patel | Computer Science |
| | 2 | Neha Sharma | 1 | Amit Sharma | Computer Science |
| | 2 | Neha Sharma | 2 | Sneha Patel | Computer Science |
| | 11 | Devika Rao | 1 | Amit Sharma | Computer Science |
| | 11 | Devika Rao | 2 | Sneha Patel | Computer Science |
| | 3 | Aman Gupta | 3 | Rohit Singh | Electronics |
| | 4 | Pooja Mehta | 4 | Kavita Das | Mechanical |
| | 12 | Sahil Khan | 4 | Kavita Das | Mechanical |
| | 5 | Karan Patel | 5 | Anil Kumar | Civil |
| | 6 | Simran Das | 6 | Preeti Nair | Electrical |
| | 7 | Rohit Verma | 7 | Vikram Rao | Information Tech... |
| | 8 | Priya Singh | 8 | Neeta Verma | Biotechnology |
| | 9 | Ananya Nair | 9 | Manish Gupta | Chemical |
| | 10 | Tushar Rao | 10 | Rina Banerjee | Aerospace |

List students who scored above their department's average marks.

| Student_ID | Name | Dept_ID | Course_ID | Marks |
|------------|-------------|---------|-----------|-------|
| 2 | Neha Sharma | 1 | 101 | 90.00 |
| 1 | Ravi Kumar | 1 | 101 | 85.00 |
| 3 | Aman Gupta | 2 | 201 | 88.00 |
| 4 | Pooja Mehta | 3 | 101 | 84.00 |
| 5 | Karan Patel | 4 | 401 | 95.00 |
| 6 | Simran Das | 5 | 501 | 80.00 |

Thank You

