# Reporting Tasks Using Jasper

1. Create a report that displays all schools and their associated students. Include the school name and the name and roll number of each student.
2. Create a report that displays all courses and their associated marks. Include the course name and the obtained marks and grade for each mark.
3. Create a report that displays the average mark for each course. Group the marks by course and include the course name and the average mark.
4. Create a report that displays the top-performing students for each school. Group the students by school and include the school name and the top-performing student (based on their marks).

To Solve This:

1- get all marks.

2- Run a loop ( foreach )

3- for every mark get the course out of it

4- for every course get the student

5- get the average mark for each student

1. Create a report that displays the overall performance of each student. Include the student name, roll number, and the average of all their marks.
2. Create a report that displays the total number of students in each school. Group the students by school and include the school name and the total number of students.
3. Create a report that displays the distribution of grades for each course. Group the marks by course and include the course name and the count of marks for each grade.
4. Create a report that displays the top-performing courses for each school. Group the courses by school and include the school name and the top-performing course (based on the average mark of all its students).
5. Create a report that displays the number of students who have scored above a certain threshold in each course. Allow the user to input the threshold value and include the course name and the count of students who scored above the threshold.
6. Create a report that displays the overall performance of each school. Include the school name and the average of all its students' marks.