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step:1 i)- update cats set name="jack" where name="Jackson"
      ii)- update cats set breed="British Shorthair" where name="Ringo"
      iii)- update cats set age="12" where breed="Maine Coon"
      iv) - DELETE from cats where age="4"
      v) - DELETE from cats where cat_id=age
      vi- truncate TABLE cats

step:2 i)- select * from books where title LIKE '%Stories%'
      ii)- select title,pages from books where pages=(SELECT MAX(pages) from books)
      iii)- select concat(title,' - ',released_year) as summary from books order by released_year DESC
limit 3;
      iv)- select title,author_lname from books where author_lname LIKE '% %'
      v)- SELECT title,released_year,stock_quantity from books ORDER BY stock_quantity ASC LIMIT 3;
      vi)- SELECT released_year as 'year',COUNT(*) as '# books',AVG(pages) as 'avg pages' FROM books
GROUP BY released_year;

step:3 i)- SELECT students.first_name, papers.title,papers.grade FROM students INNER JOIN papers ON
students.id = papers.student_id ORDER BY papers.grade desc;
      ii)- SELECT students.first_name,if(papers.title=NULL,'NULL',papers.title) as title,papers.grade
FROM students LEFT JOIN papers ON students.id = papers.student_id order by students.id ASC;
      iii)- SELECT students.first_name,if(papers.title=papers.title,papers.title,'MISSING') as
title,if(papers.grade=papers.grade,papers.grade,0) as grade FROM students LEFT JOIN papers ON
students.id = papers.student_id ORDER BY students.id ASC;
      iv)- SELECT students.first_name,if(papers.grade=papers.grade,AVG(papers.grade),"0") as average
FROM students LEFT JOIN papers ON students.id = papers.student_id GROUP BY students.id ORDER BY
papers.grade DESC;
      v)- SELECT students.first_name,if(papers.grade=papers.grade,AVG(papers.grade),"0") as
average,if(AVG(papers.grade)>75,"PASSING","FAILING") as passing_status FROM students LEFT JOIN papers
ON students.id = papers.student_id GROUP BY students.id ORDER BY papers.grade DESC;
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