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USE baseballstats;

/* view21stCenturySalaries */
SELECT CONCAT(name_first, " ", name_last) AS "All-Stars", year,
CONCAT("$",FORMAT(salary, 2)) AS Salary
FROM players p JOIN salaries s
USING (salaryID)
JOIN allstars a
ON a.playerID = p.playerID
WHERE year > 2001
ORDER BY year DESC, salary DESC;

/* viewHallofFameAwards */
SELECT DISTINCT award_name AS "Award Name", COUNT(playerID) AS
"Players"
FROM players p JOIN awardsplayers
USING(playerID)
JOIN awards
USING(awardID)
WHERE playerID IN (
SELECT playerID FROM halloffame)
GROUP BY awardID
ORDER BY COUNT(playerID) DESC;

/* viewStartingPitchingSalary */
SELECT CONCAT(name_first, " ", name_last) AS "Player Name", year AS
Year, games AS "Games", games_started AS "Games Started",
CONCAT("$",FORMAT(salary, 2)) AS Salary
FROM pitching LEFT JOIN players
USING(playerID)
JOIN salaries
USING(salaryID)
ORDER BY games_started DESC;

/* viewFieldingLastName */
SELECT CONCAT(name_first, " ", name_last) AS "Player Name", PO AS
Putouts, A AS Assists, E AS Errors
FROM fielding JOIN players
USING(playerID)
WHERE name_last < 'B'
ORDER BY PO DESC, A DESC;

/* view_avg_wins_and_losses_with_avg_ops */
SELECT division_name AS "Division", AVG(W) AS "Average Wins", AVG(L) AS
"Average Loses",
CAST(CONCAT(OBP + SLG) AS DECIMAL(10,3)) AS "Average On-Base + Slugging"
FROM teams
JOIN divisions USING(divisionID)
JOIN players USING(teamID)
JOIN batting USING (playerID)
GROUP BY divisionID;

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