For all queries, label all output columns appropriately.

1. Write a single SQL query to find the names of heroes such that the hero has all of the items for the quest 'Kill the Dragon' (10)
2. Write a single SQL query to find the login of the player with the newest hero. (10)

3. Write a single SQL statement to remove all heroes who have not completed any quests. (10)
4. Heroes can recruit men at arms if both their level and their gold is greater than their current number of men at arms. If a new man at arms is recruited, the hero must pay the gold. Write a single SQL statement to allow each eligible hero to pay to recruit a man at arms. Adjust both the gold and the number of men at arms in the statement.

5. Write a single SQL statement to add 'SQL Book' as a quest item for the quest, 'Make an A in CSI 3335'. You may assume both names are unique, and the item and the quest are already in the database.
6. A new game mechanic added to LampQuest is allowing two heroes to quest together. The attack power of a single hero is computed by the formula, hpow + weapons.pow + number men at arms * men at arms level. Consider the pair of heroes, both of whom are named Tu. In a single SQL statement, find the attack power of this group of heroes, or, as far as fighting monsters is concerned, what is Tu plus Tu?
7. A new scoring system has been suggested. The score of a player is the total of all living heroes’ levels and points. Write a single SQL query to output the logins scores of all players with no more than 5 heroes from highest to lowest.

8. In a single SQL query, find the login of players who have a hero whose inventory contains an item required by the quest 'Make an A in CSI 3335'.
9. List four significant differences between databases and file processing systems discussed in the textbook.

10. Discuss the difference between two-tier and three-tier architectures. Which is used for Web applications? Why?