For all queries, label all output columns appropriately.

1. Write a single SQL query to find the name and description of the items which have the word 'Sword' in the description, or in the item name, but not both. (10)
2. Write a single SQL query to find the login and the total amount of gold per hero for each login. Count both living and dead heroes.
3. Write a single SQL statement to find the login and the average amount of gold of all heroes for each login with at least 5 living heroes.
4. Write a single SQL statement to output the hero names and amount of gold, sorted first by the amount of gold and next by the level of the hero.
5. Using an OUTER JOIN, write a single SQL statement to find the names of quests that do not require any items to be completed.
6. The hero CS Student killed Exam I and received a Grade A item. Assuming CS Student already has a Grade A item, update the database to add this item to the hero’s inventory.
7. The hero CS Student killed Exam I and received a Grade A item. Assuming CS Student DOES NOT already have a Grade A item, update the database to add this item to the hero’s inventory.
8. Find all of the hero names and quest names such that the hero has sufficient numbers of all of the items required for the quest.
9. Find all of the hero names, quest names and item names such that the hero has the item
and the item is required by the quest. Use only the JOIN operator in the FROM clause
to answer this query.
10. Find all of the logins and item names and the number of living heroes belonging to that login that have at least two of those items. Use a derived table that returns the hero id and the item id if the hero has at least two of those items.