Module 2 Assignment:

Question 1:

List the copyright year and title for each compact disc (CD), in descending order by copyright year.

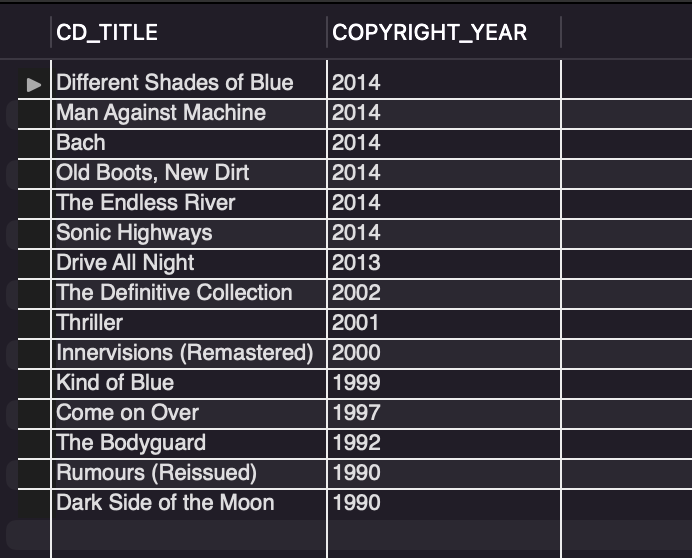
SQL statement:

SELECT CD\_TITLE, COPYRIGHT\_YEAR

FROM music\_inventory.COMPACT\_DISCS

ORDER BY COPYRIGHT\_YEAR DESC;

Result Screenshot:



Question 2:

List the CD ID and title for CDs copyrighted in 2014 that also have an in-stock inventory over 20.

SQL statement:

SELECT CD\_ID, CD\_TITLE

FROM music\_inventory.COMPACT\_DISCS

WHERE COPYRIGHT\_YEAR = 2014 AND IN\_STOCK > 20;

Result Screenshot:



Question 3:

List each copyright year along with the number of titles and the total quantity in-stock for the compact discs copyrighted that year.

SQL Statement:

SELECT COPYRIGHT\_YEAR, COUNT(CD\_TITLE) AS TITLE\_NO, SUM(IN\_STOCK) AS STOCK\_QUANTITY FROM music\_inventory.COMPACT\_DISCS

GROUP BY COPYRIGHT\_YEAR;

Result Screenshot:



Question 4:

List the CD ID and title of CDs that have an in-stock quantity that is higher than the average in-stock quantity for all CDs.

SQL statement:

SELECT CD\_ID, CD\_TITLE FROM music\_inventory.COMPACT\_DISCS

WHERE IN\_STOCK > (SELECT AVG(IN\_STOCK) FROM music\_inventory.COMPACT\_DISCS);

Result Screenshot:



Question 5:

List the CD ID and title of all CDs where Stevie Wonder is an artist.

SQL statement:

SELECT A.CD\_ID, C.CD\_TITLE FROM ARTIST\_CDS A

JOIN ARTISTS B

ON A.ARTIST\_ID = B.ARTIST\_ID

JOIN COMPACT\_DISCS C

ON A.CD\_ID = C.CD\_ID

WHERE B.ARTIST\_NAME = "Stevie Wonder";

Result Screenshot

