**SQL ASSIGNMENT**

**SET - 1**

**Problem # 1:**

Write a query to display the member id, member name, city and membership status who are all having life time membership. **Hint**: Life time membership status is “Permanent”.

**Problem # 2:**

Write a query to display the member id, member name who have not returned the books. **Hint:** Book return status is book\_issue\_status ='Y' or 'N'.

**Problem # 3:**

Write a query to display the member id, member name who have taken the book with book code 'BL000002'.

**Problem # 4:**

Write a query to display the book code, book title and author of the books whose author name begins with 'P'.

**Problem # 5:**

Write a query to display the total number of Java books available in library with alias name ‘NO\_OF\_BOOKS’.

**Problem # 6:**

Write a query to list the category and number of books in each category with alias name ‘NO\_OF\_BOOKS’.

**Problem # 7:**

Write a query to display the number of books published by "Prentice Hall” with the alias name “NO\_OF\_BOOKS”.

**SET - 2**

**Problem # 1:**

Write a query to display the book code, book title of the books which are issued on the date "1st April 2012".

**Problem # 2:**

Write a query to display the member id, member name, date of registration and expiry date of the members whose membership expiry date is before APR 2013.

**Problem # 3:**

write a query to display the member id, member name, date of registration, membership status of the members who registered before "March 2012" and membership status is "Temporary"

**Problem #4:**

Write a query to display the member id, member name who’s City is CHENNAI or DELHI. **Hint**: Display the member name in title case with alias name 'Name'.

**Problem #5:**

Write a query to concatenate book title, author and display in the following format.

**Book\_Title**\_is\_written\_by\_**Author**

**Example:** Let Us C\_is\_written\_by\_Yashavant Kanetkar

**Hint**: display unique books. Use “BOOK\_WRITTEN\_BY” as alias name.

**Problem #6:**

Write a query to display the average price of books which is belonging to ‘JAVA’ category with alias name “AVERAGEPRICE”.

**Problem #7:**

Write a query to display the supplier id, supplier name and email of the suppliers who are all having gmail account.

**Problem#8:**

Write a query to display the supplier id, supplier name and contact details. Contact details can be either phone number or email or address with alias name “CONTACTDETAILS”. If phone number is null then display email, even if email also null then display the address of the supplier. **Hint**: Use Coalesce function.

**Problem#9:**

Write a query to display the supplier id, supplier name and contact. If phone number is null then display ‘No’ else display ‘Yes’ with alias name “PHONENUMAVAILABLE”.