```java
package queries;

import java.util.List;
import java.util.Scanner;

import javax.persistence.EntityManager;
import javax.persistence.EntityManagerFactory;
import javax.persistence.Persistence;

public class JPQLDemo {

    public static void main(String[] args) {
        EntityManagerFactory emf = Persistence.createEntityManagerFactory("mssqlserver_pubs_query");
        EntityManager em = emf.createEntityManager();

        Scanner s = new Scanner(System.in);
        String query;
        while (true) {
            System.out.println("Enter Query [enter to stop] : ");
            query = s.nextLine();
            if (query.length() == 0)
                break;
            try {
                List result = em.createQuery(query).getResultList();
                System.out.println("Query Result");
                System.out.println("=================================================");
                for (Object obj : result) {
                    if (obj instanceof Object[]) {
                        for (Object o : (Object[]) obj) {
                            System.out.print(o == null ? "  " : o.toString() + "  ");
                        }
                        System.out.println();
                    } else
                        System.out.println(obj.toString());

                } // for
            } // try
            catch (Exception ex) {
                System.out.println("Error-->" + ex.getMessage());
            }
        }
        em.close();
        emf.close();

    }

}
```