```java
package inventory;

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

import entities.Category;

public class RemoveCategory {

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

        var category = em.find(Category.class, "cat1");
        // Managed
        if (category != null) {
            em.getTransaction().begin();
            em.remove(category);
            // Removed
            em.getTransaction().commit();
        }
        else
            System.out.println("Sorry! Category code not found!");
        em.close();
        emf.close();

    }

}
```