```
What is class Vendelo CR State Field:

* It is a class twel vendele.

* It is a class twel vendele issue the class with static modifier then it is called static field.

* A static field is automatically created and initialized with default value at the time of LOADIM.

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    As far as it is scope is concerned, it is available till the class is available in the JVH memory that
means once the class will be un-leaded then only static variables value will be delated from the
special memory area called Method Area.

     * As we know static field can be directly accessible through class name, Object is not required.

*When we crosse no object it pare that a slogle copy of static field will be created and the same copy will be sharable by all the objects.
                                               Non static field -> Multiple copies with each and every object static field -> Single copy will be sharable by all the objects
     public class Test
{
    static int x = 100;
                       public static void main(String[] args) t1-
{
  Test t1 = new Test();
  Test t2 = new Test();
                                      ++t1.<u>x;</u> --t2.<u>x;</u>
                                      System.out.println(t1.≼);
System.out.println(t2.≼);
                 ** When we should declare a variable as a static Field and when we should declare as a non static field 
Non static Field :
                       * If the value of the variable is <u>different</u> with declare the variable as a non static field.
                 WAP to show the uses of static and non static field :
           package com.ravi.sf_nsf;
public class Student
              mobile class Student
for rollinders

                             ublic void getStudentData()
              )

public class Soutembers

(poblic static wold malestrieg[] args)

Student cost : eras Student();

Student cost : eras Student();

Soutembers();

System.nod.priente();

System.nod.priente();

))
                                         Student smith = new Student();
unith.setStudentData(102, "Smith", "S R Nagar");
smith.getStudentData();
                                      System.out.println("

Student alen = new Student();
alen.setStudentbata(185, "alen", "xeti");
alen.getStudentbata(185, "alen", "xeti");
        Data hiding is nothing but declaring our non static fields with private access modifier so our data will 
not be accessible from outer world that means no one can access our data directly from outside of the 
class.
The varieties of the control of the 
                          {
    tolance = bolance = peopen;
    System.ast.println("Balance after deposit is :"+bolance);
}
}
                       }
public void withdraw[double amount) {
    if(amount > balance) {
        System.err.println("Insufficient Balance!!!");
}
                                               balance = balance - amount;
System.out.println("balanc after withdraw is :"+balance);
           package com.rwsi.data_hiding;
public class BaskApplication
{
   public static void main(String[] angs) {
        Customer scott = new Customer();
        cort.deposit(20000);
        cort.informa(10000);
}
```