/\*package whatever //do not write package name here \*/

import java.io.\*;

public class singleton{

int a=10;

//private restrict the access

private singleton()

{

System.out.println("object created");

}

//static creates only once and gets shared throughout the programme

static singleton k=null;

static singleton util()

{

//call constructor using static function

if(k==null)

k =new singleton();

//return created object

return k;

}

//check access by object

public void add()

{

System.out.println("Accessing");

}

}

class Demo{

public static void main (String[] args) {

//object creation

//singleton class is a class in which object creation is done only once.

singleton obj1=singleton.util();

//obj will also points to the same memory

singleton obj2=singleton.util();

//change in obj2 reflects in obj1 proofs is the proof that object creation is happened only once

obj2.a=20;

//System.out.println();

System.out.println(l.a);

l.add();

}

}