Solution Code

```
import java.util.*;
public class AutobiographicalNumberExample
{
public static void main(String args[])
{
Scanner sc=new Scanner(System.in);
System.out.print("Enter the number you want to check: ");
//reading an integer from the user to check
int num = sc.nextInt();
//determines the absolute value of the given number
num = Math.abs(num);
//assigning the value of num into variable n
int n = num;
//the valueOf() method returns the string representation of int argument
String str = String.valueOf(num);
//creates an array of digits
int digitarray[] = new int[str.length()];
for(int i = digitarray.length - 1; i >= 0; i--)
{
//determines the last digit of the given number
digitarray[i] = n % 10;
//removes the last digit
n = n/10;
}
boolean flag = true;
```

Solution Code

```
 for(int i = 0; i < digitarray.length; i++)
{
int count = 0;
for(int j = 0; j < digitarray.length; j++)
{
if(i == digitarray[j])
//increments the count by 1 if the above condition returns true
count++;
}
if(count != digitarray[i])
{
flag = false;
//breaks the execution if the condition becomes true
break;
}
}
if(flag)
//prints if the status returns true
System.out.println(num + " is an autobiographical number.");
else
//prints if status returns false
System.out.println(num + " is not an autobiographical number.");
}
}
```