```java
import java.util.Scanner;
 class Strong {
        public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the number");
        int n=s.nextInt();
        int sum=0,fact=1;
        int temp=n;
        if (temp==0){
            sum=sum+fact;
        }
        else{
        while(temp>0){
            int d =temp%10;
            // fact=fact*d;

            int i=1;
            fact=1;
            while( i <= d)
            {
                fact = fact * i;
                i++;
                // sum=sum+fact;
                 //System.out.println(sum);

        }
        sum=sum+fact;
        temp=temp/10;
    }
}
        if (sum==n){
            System.out.println("strong numbar");
        }
        else{
            System.out.println("not a strong number");
        }

    }

}
```