```java
import java.util.*;
public class circular_prime {
    public static boolean isPrime(int num) {
        int c = 0;

        for (int i = 1; i <= num; i++) {
            if (num % i == 0) {
                c++;
            }
        }

        return c == 2;
    }

    public static int getDigitCount(int num) {
        int c = 0;

        while (num != 0) {
            c++;
            num /= 10;
        }

        return c;
    }

    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        System.out.print("ENTER INTEGER TO CHECK (N): ");
        int n = sc.nextInt();

        if (n <= 0) {
            System.out.println("INVALID INPUT");
            return;
        }

        boolean isCircularPrime = true;
        if (isPrime(n)) {
            System.out.println(n);
            int digitCount = getDigitCount(n);
            int divisor = (int)(Math.pow(10, digitCount - 1));
            int n2 = n;
            for (int i = 1; i < digitCount; i++) {
                 int t1 = n2 / divisor;
                 int t2 = n2 % divisor;
                 n2 = t2 * 10 + t1;
                 System.out.println(n2);
                 if (!isPrime(n2)) {
                     isCircularPrime = false;
                     break;
                 }
```

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            }
        }
        else {
            isCircularPrime = false;
        }

        if (isCircularPrime) {
            System.out.println(n + " IS A CIRCULAR PRIME.");
        }
        else {
            System.out.println(n + " IS NOT A CIRCULAR PRIME.");
        }
    }
}
```