import java.math.BigInteger;

import java.util.Scanner;

public class NaturalDivision {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = scanner.nextInt();

String s = scanner.next();

BigInteger numerator = new BigInteger("1" + s);

BigInteger denominator = BigInteger.TEN.pow(n);

BigInteger gcd = numerator.gcd(denominator);

numerator = numerator.divide(gcd);

denominator = denominator.divide(gcd);

if (numerator.compareTo(denominator) >= 0 || denominator.compareTo(new BigInteger("1000000")) >= 0) {

System.out.println("NO");

} else {

System.out.println("YES");

System.out.println(numerator + " " + denominator);

}

scanner.close();

}

}