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import java.lang.Math;
public class VikasN201920_C1NumTransformation {

    public static void main(String[] args) {
        //enter the N value with this variable inside the quotation marks:
        String n = "314159265358";

        // enter the p value:
        int p = 8;

        //enter the d value with this variable:
        int d = 428;

        String[] arr = n.split("");
        int[] N = new int[n.length()];
        for(int a=0;a<n.length();a++) {
            N[a]= Integer.parseInt(arr[a]);
        }

        int b = N[N.length-p]+d;
        int y = b%10;
        int x=p+1;

        int v = N[N.length-p]-d;
        int m = Math.abs(v);

        while (m>=10) {
            m = m/10;
        }

        if(0<=N[N.length-p]&&N[N.length-p]<=4) {
            if(p < N.length) {
                N[N.length-p] = y;
                for(int i=1;i<p;i++) {
                    int z=p-i;

                    N[N.length-z]= 0;
                }
            }
            System.out.print("The number: ");
            for(int i = 0; i< N.length; i++) {
                System.out.print( N[i]);
            }
            System.out.println(".");
        }
    }
}

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    }
    else if(5<=N[N.length-p]&&N[N.length-p]<=9) {
        N[N.length-p] = m;
        for(int i=1;i<p;i++) {
            int z=p-i;

            N[N.length-z]= 0;
        }
        System.out.print("The number: ");
        for(int i = 0; i< N.length; i++) {
            System.out.print( N[i]);
        }
        System.out.println(".");
    }
}
}
```