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import java.util.Scanner;
public class While {
    public static void main(String[]args) {
        Scanner read = new Scanner(System.in);

        //problema 1
        int i = 100;
        double s = 0;
        while(i > 0) {
            s = Math.sqrt(s + i);
            i-=2;
        }
        System.out.println(s);

        //problema 2
        int n = read.nextInt(), a = 100;
        while(a <= 999) {
            int sum = 0;
            int num = a;
            while(num >= 1) {
                int rest = num % 10;
                sum += rest;
                num = num / 10;
            }
            if(sum == n) {
                System.out.print(a + "\n");
            }
            a++;
        }

        //problema 3
        int suma = 0, sum1 = 0, r, n1 = read.nextInt();
        while(n1 != 0) {
            r = n1 % 10;
            suma = suma + r;
            n1 = n1 / 10;
        }
        System.out.println(suma);
        while(suma != 0) {
            r = suma % 10;
            sum1 = sum1 + r;
            suma = suma / 10;;
        }
        System.out.println(sum1);

        //problema 4
        int x = 0, sum2 = 0;
        while(sum2 < 100){
            x++;
            sum2 = (2 * x) + (x / 2) + (x / 4) + 1;
        }
        System.out.println("In cârd erau " + x + " găste");
        read.close();
    }
}

```