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package scadetinota;
import java.util.Scanner;
public class ScadetiNotaDoamnaProfesoara {
         public static void main(String[] args) {
                  Scanner read = new Scanner(System.in); int n = read.nextInt(); read.close();
                  System.out.println(Ex1(n));
                  Ex2(n);
                  Ex3(n);
                  Ex4(n);
                  }
         public static double Ex1(int n) {
                  double sum = 0;
                  while (n>0) {
                           sum += n; sum = Math.pow(sum, 0.5);
                           n -= 2;
                  }
                  return sum;
        }
         public static void Ex2(int n) {
                  if ((n<0)||(n>28)) {
                           System.out.println("Error, such numbers don't exist");
                  } else {
                           int x = 1;
                           while (x<10) {
                                    int y = 0;
                                    while ((y>-1)&&(y<10)) {
                                             int z = n - x - y;
                                             if ((x>-1)&&(z<10)) {
```

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System.out.printf("%d%d%d",x,y,z);
                                    }
                                    y++;
                           }
                           x++;
                  }
         }
}
public static int cifre(int n) {
         int sum = 0;
         while (n != 0) {
                  sum += (n % 10);
                  n = n/10;
         }
         return sum;
}
public static void Ex3(int n) {
         while (n != cifre(n)) {
                  n = cifre(n);
                  System.out.println(n);
         }
}
public static void Ex4(int n) {
         System.out.println("x + x + x/2 + x/4 + 1 = " + n);
         System.out.println("x = " + (int)((n-1)*4/11));
}
```

}