

№1

```
import java.util.*;

class T1{
    public static void main(String[] z) {
        Scanner s = new Scanner(System.in);
        int[] m = new int[]{s.nextInt(), s.nextInt(), s.nextInt()};
        Arrays.sort(m);
        System.out.print(m[0]+" "+(m[2]-m[0]));
    }
}
```

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№2

```
class T2{
    public static void main(String[] z) {
        int a = new java.util.Scanner(System.in).nextInt(), o=a;
        for(int q=0; q<8; q++, o = a>o ? a : o) a = a>127 ? (a*2+1)%256 :
a<<1;
        System.out.print(o);
    }
}
```

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№3

```
import java.util.*;

class T3{
    public static void main(String[] z) {
        Scanner s = new Scanner(System.in);
        int a = s.nextInt(), b = s.nextInt(), o=0;
        int[][] m = new int[a][b];
        for(int q=0; q<a; q++) for(int w=0; w<b; w++) m[q][w] = s.nextInt();
        for(int q=1; q<a-1; q++) for(int w=1; w<b-1; w++) o+= m[q][w]<m[q-
1][w] & m[q][w]<m[q+1][w] & m[q][w]<m[q][w+1] & m[q][w]<m[q][w-1] ? 1 : 0;
        System.out.print(o);
    }
}
```

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№4

```
class T4{
    public static void main(String[] z) {
        int i = 0;
        char[] c = new java.util.Scanner(System.in).next().toCharArray();
        if(c.length!=6) System.out.print(0);
        else{
            for(int q=5; q>=0; q--) i+=(1<<(5-q) * f(c[q]));
            System.out.print(i==28 ? 1 : i==15 ? 2 : i==60 ? 3 : 0);
        }
    }
    static int f(char i){return i>=48 & i<=57 ? 1 : 0;}
}
```

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N5

```
import java.util.*;

class T5{
    public static void main(String[] z) {
        Scanner s = new Scanner(System.in);
        int a = s.nextInt(), b = s.nextInt(), c = s.nextInt(), d =
s.nextInt();
        int o=0, m=0, i=a, r=a%c;
        for(int q=0; q<b; q+=d, i=a){
            if(m>0){
                m--;
                i-=r;
            }
            o+=i/c;
            i%=c;
            if(i>0){
                o++;
                i=c-i;
                if(r>c/2) continue;
                for(int w=0; (i-w)*2>=c; w+=r) m++;
            }
        }
        System.out.print(o);
    }
}
```

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Задача 1

```
var a,b,c,x,y:integer;
begin
readln(a,b,c);
x:=min(a,min(b,c));
y:=abs(x-max(a,max(b,c)));
write(x, ' ', y);
end.
```

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Задача 2

```
var a,x,y,m,n,k:integer;
l,v,b:real;
begin
read(a);
y:=128;
while y>=1 do begin
if a - y <0 then x:=x*10+0 else begin x:=x*10+1; a:=a-y; end;
y:=y div 2;
end;
for var i:= 1 to 8 do begin
if x mod 2 = 1 then
x:=(x div 10)+10000000
else x:=x div 10;
if x>m then m:=x;
end;
for k:= 1 to 8 do begin
v:=v+1;
n:=m mod 10;
m:=m div 10;
l:=power(2, v);
if n=1 then b:=b+l; end;
write(b / 2);
end.
```

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Задача 4

```
var
s:string;
a: array of char;
i,f,x:integer;
begin
read(s);
for i:=1 to s.length do begin
if (s[i] = '0') or (s[i] = '1') or (s[i] = '2') or (s[i] = '3') or (s[i] = '4') or (s[i] = '5') or (s[i] = '6') or
(s[i] = '7') or (s[i] = '8') or (s[i] = '9')
then f:=f*10+1 else f:=f*10+2 end;
if f=111122 then write('3')
else if f=221111 then write('2')
else if f=211122 then write('1') else write('0'); end.
```

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