

A. Солнечный зайчик

```
var s,h,d: real;

begin
  assign(input, 'input.txt');
  reset(input);
  assign(output, 'output.txt');
  rewrite(output);

  read(s,h,d);
  write (d*s/(h-d):0:6)

end.
```

B. Пароль

```
var n,i,s: integer;
    c: char;
    b: array [1..100] of byte;

begin
  assign(input, 'input.txt');
  reset(input);
  assign(output, 'output.txt');
  rewrite(output);

  readln(n);

  for i:=1 to n do
    begin read(c); b[ord(c)]:=1-b[ord(c)] end;

  for i:=1 to 100 do s:=s + b[i];

  if s = n mod 2
    then write('YES') else write('NO')
end.
```

C. Сложение «столбиком»

```
var n,i: integer;
    x,y,z,s: real;
    a,b,c: array [1..15] of real;

begin
  assign(input, 'input.txt');
  reset(input);
  assign(output, 'output.txt');
  rewrite(output);

  x:=0;
  y:=0;
  s:=1;

  read(n);
  for i:=1 to n do
    begin read(a[i]); x:=10*x+a[i]; s:=s*10 end;

  for i:=1 to n do
    begin read(b[i]); y:=10*y+b[i] end;

  z:=x+y;

  if z>=s then write (-1) else
    begin
      for i:=n downto 1 do
        begin c[i]:=z - int(z/10)*10; z:=int(z/10)
        end;
      for i:=1 to n do write(c[i]:0:0,' ')
      end;
    end;

end.
```

D. День рождения

```
var n,i: integer;
    s: real;
begin
    assign(input, 'input.txt');
    reset(input);
    assign(output, 'output.txt');
    rewrite(output);

    read(n);

    s:=1;
    for i:=2 to n-1 do s:=s*i;

    if n>1 then s:=s*2;
    write (s:0:0)
    end.
```

E. Сколько же нулей?

```
var n,s: longint;

begin
    assign(input, 'input.txt');
    reset(input);
    assign(output, 'output.txt');
    rewrite(output);

    read(n);

    while n>0 do
        begin n:=n div 2; s:=s + n end;

    write (s)
    end.
```