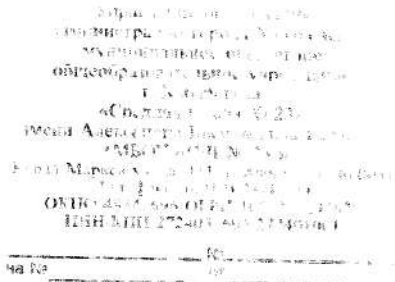


Самойлов Арсений Альбертович

11 класс

Всего 400 баллов

Pascal



① Program first; 100Б.  
Var a, b, c, d, T, R: integer;  
begin  
  Readln (a, b, c);  
  T := a;  
  if T > b then  
    T := b;  
  if T > c then  
    T := c;  
  R := a;  
  if R < b then  
    R := b;  
  if R < c then  
    R := c;  
  Writeln (T);  
  Writeln (R - T);  
  Readln ();  
end.

⑤ Program fiveth,  
Var M, N, a, b, k, s, g: integer;  
begin  
  Readln (M, N, a, b);  
  s := M \* N;  
  g := a \* b;  
  k := s div g;  
  if (s mod g) > 0 then  
  begin  
    k := k + 1;  
  end;  
  writeln (k);  
end.

Председатель: Козленкова Н.А. *Handwritten signature*

Члены жюри: Обверенко С.М. *Handwritten signature*  
Артеменко З.И. *Handwritten signature*

③ Program third; 1005.

type matrix = array [1..10, 1..10] of integer;  
var D: matrix; N, M, a, b, k: integer;

begin

a := 1;

b := 1;

k := 0;

Readln (N, M);

while a < N + 1 do

begin

while b < M + 1 do

begin

Read (D[a, b]);

b := b + 1;

end;

b := 1;

a := a + 1;

end;

a := 2;

b := 2;

while a < N do

begin

while b < M do

begin

if ((D[a, b] < D[a - 1, b]) and (D[a, b] < D[a + 1, b]) and (D[a, b] < D[a, b - 1]) and  
(D[a, b] < D[a, b + 1])) then

k := k + 1;

b := b + 1;

end;

a := a + 1; b := 2;

end;

Writeln (k);

Writeln (D[1, 1]);

Readln ();

end.

Pascal

Самойлов Арсений Альбертович  
11 класс

C#

1005.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace ConsoleApplication1 {
    class Program {
        static void Main(string[] args) {
            int number = 0;
            int quadros = {1, 2, 4, 8, 16, 32, 64, 128};
            int currentNumber = 0;
            int newNumber = 0;
            string doubleCode = string.Empty;
            char oneSymbol = '1';
            string sevenSymbols = string.Empty;
            number = Cons int.Parse(Console.ReadLine());
            for (int i = (quadros.Length - 1); i > (-1); i--) {
                if (number >= quadros[i]) {
                    doubleCode += '1';
                    number = number - quadros[i];
                } else {
                    doubleCode += '0';
                }
            }
            for (int j = 0; j < 8; j++) {
                oneSymbol = doubleCode[j];
                for (int k = 1; k < doubleCode.Length; k++) {
                    sevenSymbols += doubleCode[k];
                }
                doubleCode = string.Empty;
                doubleCode += sevenSymbols;
                doubleCode += oneSymbol;
                for (int g = 0; g < 8; g++) {
                    newNumber += int.Parse(doubleCode[g].ToString()) * quadros[7 - g];
                }
                if (newNumber > currentNumber) {
                    currentNumber = newNumber;
                }
                sevenSymbols = string.Empty;
                newNumber = 0;
            }
            Console.WriteLine(currentNumber.ToString());
            Console.ReadLine();
        }
    }
}
```

④ using System;  
 using System.Collections.Generic;  
 using System.Linq;  
 using System.Text;

1005. C#

```
namespace ConsoleApplication2 {
  class Program {
    static void Main (string [] args) {
      string s = string.Empty;
      string numbers = "0123456789";
      string current = string.Empty;
      bool isNumber = false;
      s = Console.ReadLine();
      for (int i=0; i<s.Length; i++) {
        for (int j=0; j<numbers.Length; j++) {
          if (s[i] == numbers [j]) {
            isNumber = true;
            break;
          }
        }
        if (isNumber) {
          current += '0';
        } else {
          current += '1';
        }
        isNumber = false;
      }
      switch (current) {
        case "100011":
          Console.WriteLine("1"); break;
        case "110000":
          Console.WriteLine("2"); break;
        case "000011":
          Console.WriteLine("3"); break;
        default:
          Console.WriteLine("0"); break;
      }
      Console.ReadLine();
    }
  }
}
```

Преподаватель: Козменков Н.А. *М.П.*  
 Член жюри: Обрезков Е.В. *С.П.*  
 Акименко Л.И. *С.П.*