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

namespace labushka1
{
    class Program
    {
        class Chromosome
        {
            public int[,] gena = new int[100, 20];
            public Chromosome()
            {
                Random rand = new Random();

                for (int g = 0; g < 100; g++)
                {
                    for (int i = 0; i < 20; i++)
                    {
                        gena[g, i] = rand.Next(0, 2);
                        //Console.Write(gena[g, i]);
                    }
                    //Console.WriteLine();
                }
            }
            public int getFitness() //кол-во единиц в строке
            {
                int count = 0;
                foreach(int i in gena)
                {
                    if(i==1)
                        count++;
                }
                return count;
            }
        }

        public class Generation
        {
            Chromosome[] chromosomes = new Chromosome[100];
            Boolean isSorted = false;
            Generation()
            {
                for (int i = 0; i < chromosomes.Length; i++)
                    chromosomes[i] = new Chromosome();
            }

            int getAverageFitness ()
            {
                int cnt = 0;
                foreach (Chromosome i in chromosomes)
                    cnt += i.getFitness();
                return cnt / chromosomes.Length;
            }

            Chromosome[] get2RandomChromosomes()
            {
                if (!isSorted)
                    sort();
            }
        }
    }
}

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        Chromosome[] random2 = new Chromosome[2];

        random2[0] = chromosomes[random2=50];
        random2[1] = chromosomes[random2=50];

        return random2;
    }

    Chromosome getBestChromosome()
    {
        if (!isSorted)
            sort();
        return chromosomes[0];
    }
}
static Random random;

static void Main(string[] args)
{
    //запуск алгоритма
    random = new Random();
    /*fitness = new ArrayList<>();
    generations.Add(new Generation());
    */
    Console.WriteLine("Best chromo: ");

}
}
}

```