using System;

namespace ispravlenie

{

class program

{

static void Main()

{

#region 1\_14

Console.WriteLine("1\_14:");

int a=1, b=1;

Console.Write("1 1 ");

for (int i=1;i<=6;i++)

{

a=a+b;

(a,b)=(b,a);

Console.Write("{0} ",b);

}

#endregion

Console.WriteLine();

#region 1\_15

int x=1, y=2,z=1,w=1;

for (int i=1;i<=3;i++)

{

x=x+y;

(x,y)=(y,x);

z=z+w;

(z,w)=(w,z);

}

Console.WriteLine("1\_15: {0}/{1}",y,w);

#endregion

#region 2\_1

double xx=0, ss=0, n=1;

const double e=0.0001;

while (Math.Abs(Math.Cos(xx\*n)/(n\*n))>=e)

{

ss+=Math.Cos(xx\*n)/(n\*n);

n+=1;

}

Console.WriteLine("2\_1: {0}",ss);

#endregion

#region 2\_4

double r=0.5, s=0, p=1;

do

{

s=s+p;

p=p\*r\*r;

}

while (p>=e);

Console.WriteLine ("2\_4: {0}",s);

#endregion

}

}

}