static string multiplication(string a,string b)

{

int len1 = a.Length;

int len2 = b.Length;

string result = "0";

for (int i = len1-1; i >=0; i--)

{

result += "";

string r = "";

int ost = 0;

int carry = 0;

for (int j = len2-1; j >=0; j--)

{

ost =int.Parse(a.Substring(i,1))\* int.Parse(b.Substring(j, 1))+carry;

carry = 0;

if (ost > 9) {

carry = ost/10 ;

ost -= carry \* 10;

}

r = ost + r;

}

if (carry !=0) r = carry + r;

carry = 0;

ost = 0;

r = r + new string('0',len1-i-1);

result = sumirane(result, r);

}

return result;

}

static string sumirane(string r, string s)

{

int carry = 0;

int ost = 0;

string result = "";

if (r.Length > s.Length)

{

int dif = r.Length - s.Length;

for (int j = r.Length - 1; j >= dif; j--)

{

ost = int.Parse(r.Substring(j, 1)) + int.Parse(s.Substring(j - dif, 1)) + carry;

carry = 0;

if (ost > 9)

{

carry = ost / 10;

ost -= carry \* 10;

}

result = ost + result;

}

result = r.Substring(0, dif - 1) + (int.Parse(r.Substring(dif - 1, 1)) + carry) + result;

s = result;

}

else if (r.Length < s.Length)

{

int dif = s.Length - r.Length;

for (int j = s.Length - 1; j >= dif; j--)

{

ost = int.Parse(s.Substring(j, 1)) + int.Parse(r.Substring(j - dif, 1)) + carry;

carry = 0;

if (ost > 9)

{

carry++;

ost -= 10;

}

result = ost + result;

}

result = s.Substring(0, dif - 1) + (int.Parse(s.Substring(dif - 1, 1)) + carry) + result;

s = result;

}

else if (r.Length == s.Length)

{

for (int j = r.Length - 1; j >= 0; j--)

{

ost = int.Parse(r.Substring(j, 1)) + int.Parse(s.Substring(j, 1)) + carry;

carry = 0;

if (ost > 9)

{

carry = ost / 10;

ost -= carry \* 10;

}

result = ost + result;

}

if (carry != 0) result = carry + result;

s = result;

}

return result;

}