1.

# include<stdio.h>

# include<math.h>

int max(int a, int b)

{

int t;

if(a > b)

t = a;

else

t = b;

return t;

}

int main(void)

{

int a, b;

int i;

scanf("%d %d", &a, &b);

for(i=max(a,b); i>0; --i)

{

if(a%i == 0 && b%i == 0)

break;

}

printf("%d %d", i, a\*b/i);

return 0;

}

/\*

在devc++中的运行结果为

1222 3456

2 2111616

\*/

2.

# include<stdio.h>

int fac(int n)

{

int keys;

if(n < 0)

{

puts("error!");

return 0;

}

else if(n == 0 || n == 1)

keys = 1;

else

keys = fac(n-1) \* n;

return keys;

}

int main(void)

{

int n;

int i;

int sum = 0;

scanf("%d", &n);

for(i=1; i<=n; ++i)

sum += fac(i);

printf("%d", sum);

return 0;

}

/\*

在devc++中运行结果为

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