/\*

PROG: cruel1

LANG: C++

ID: hayk.sa1

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#include

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#define B 1000000000

char a[20000], \*b;

long long d[20000];

int main()

{

freopen("cruel1.in", "r", stdin);

freopen("cruel1.out", "w", stdout);

long long n, l, c, p, m, i;

scanf("%lld%lld", &n, &p);

l = 0;

d[0] = 1;

while (p--)

{

c = 0;

for (i = 0; i <= l || c; i++)

{

m = d[i]\*n+c;

d[i] = m%B;

c = m/B;

if (i > l && d[i])

l = i;

}

}

b = a;

sprintf(b, "%d", d[l]);

while (\*b)

b++;

for (i = l-1; i >= 0; i--)

{

sprintf(b, "%09.9d", d[i]);

while (\*b)

b++;

}

for (i = 0; a[i]; i+=70)

printf("%.70s\n", &a[i]);

return 0;

}