#include <stdio.h>

long long c[10010], y[10010];

int main()

{

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

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

int n, s, i, j;

long long ans, p, q;

scanf("%d%d", &n, &s);

ans = 0;

for (i = 0; i < n; i++)

{

scanf("%lld%lld", c+i, y+i);

p = c[i]\*y[i];

for (j = 0; j < i; j++)

{

q = y[i]\*(c[j]+(i-j)\*s);

if (p > q)

p = q;

}

ans += p;

}

printf("%lld\n", ans);

return 0;

}