#include <cstdio>

#include <algorithm>

using namespace std;

bool f[10010];

int s[10010], e[10010], t[10010];

int main()

{

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

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

int ans=0;

int n, m, l, p, k, i, j;

scanf("%d", &n);

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

scanf("%d", s+i);

memcpy(e, s, sizeof(s));

sort(e, e+n);

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

t[i] = lower\_bound(e, e+n, s[i])-e;

m = e[0];

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

if (!f[i])

{

k = 1;

f[i] = 1;

p = l = s[i];

for (j = t[i]; j != i; j=t[j])

{

f[j] = 1;

if (l > s[j])

l = s[j];

p += s[j];

k++;

}

ans += p;

if ((k-2)\*l < (k+1)\*m+l)

ans += (k-2)\*l;

else

ans += (k+1)\*m+l;

}

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

return 0;

}