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PROG: buyhay

LANG: C++

ID: hayk.sa1

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#include <stdio.h>

#define inf 1000000000

#define Min(a, b) ((a)<(b)?(a):(b))

int d[60010];

int main()

{

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

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

int n, m, p, c, i;

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

d[0] = 0;

for (i = 1; i <= m+5010; i++)

d[i] = inf;

while (n--)

{

scanf("%d%d", &p, &c);

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

d[i+p] = Min(d[i+p], d[i]+c);

}

p = inf;

for (i = m; i <= m+5010; i++)

p = Min(p, d[i]);

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

return 0;

}