/\*

PROG: packhay

LANG: C++

ID: hayk.sa1

\*/

#include <stdio.h>

bool d[5010];

int main()

{

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

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

int n, m, v, i, j;

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

d[0] = 1;

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

{

scanf("%d", &v);

for (j = m-v; j >= 0; j--)

d[j+v] = d[j+v] || d[j];

}

for (i = m; i >= 0 && !d[i]; i--);

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

return 0;

}