#include <stdio.h>

int getMoneySpent(int keyboards[], int n, int drives[], int m, int budget) {

int maxSpent = -1;

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

for (int j = 0; j < m; j++) {

int totalCost = keyboards[i] + drives[j];

if (totalCost <= budget && totalCost > maxSpent) {

maxSpent = totalCost;

}

}

}

return maxSpent;

}

int main() {

int budget, n, m;

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

int keyboards[n], drives[m];

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

scanf("%d", &keyboards[i]);

}

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

scanf("%d", &drives[i]);

}

int result = getMoneySpent(keyboards, n, drives, m, budget);

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

return 0;

}