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PROG: digest

LANG: C++

ID: hayk.sa1

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#include <cstdio>

#include <string>

using namespace std;

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

bool v[40010];

int m[11], t[11];

string d[40010], s;

int main()

{

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

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

int n, p, t, r, i, j, k;

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

v[0] = 1;

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

{

d[i] = "";

for (j = 0; j < 100; j++)

d[i] += ".";

}

r = 0;

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

{

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

for (j = 0; j < m[i]; j++)

{

scanf("%d", &t);

for (k = p-t; k >= 0; k--)

if (v[k])

{

s = d[k];

s[r] = '\*';

d[k+t] = Min(d[k+t], s);

v[k+t] = 1;

}

r++;

}

}

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

{

while (m[i]--)

printf("%c", d[p][j++]);

putchar('\n');

}

return 0;

}