

**Each SSCFLP instance contains the following information:**

$n$ : number of potential locations for facilities.

$m$ : number of customers.

$b_i$ : capacity of the facility located at site  $i$ .

$f_i$ : fixed cost of locating a facility at site  $i$ .

$d_j$ : demand of customer  $j$ .

$c_{ij}$ : allocation cost of assigning customer  $j$  to the facility located at site  $i$ .

**For each instance, the input file takes the following format:**

$n, m$

$b_1, f_1$

$b_2, f_2$

$b_3, f_3$

.....

.....

$b_n, f_n$

$d_1, d_2, d_3, \dots, d_m$

$c_{11}, c_{12}, c_{13}, \dots, c_{1m}$

$c_{21}, c_{22}, c_{23}, \dots, c_{2m}$

$c_{31}, c_{32}, c_{33}, \dots, c_{3m}$

.....

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$c_{n1}, c_{n2}, c_{n3}, \dots, c_{nm}$