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Input Format of the E. Taillard Job Shop Scheduling Problem Instances

We have one file that contains the total number of jobs, processing times and machine ids.

The problem instance file has the following format (all numbers are integers, all intra-line separators are spaces):

- **The total amount of jobs to be processed:**
  The first line contains an integer that indicates the total number of jobs to be processed in the machines. We can call this integer N.

- **One line for each job:**
  For the next N lines each number represents the total time needed for the operation on that position of the job to be completed.
  For example, if there were 3 jobs each with 3 operations then the following:

  ```
  13  14  90
  10  77  18
  11  17  38
  ```

  means that the first operations of the first job takes 13 units of time to be processed, the second operation of the first job takes 14 units of time to be processed, the third operation of the second job takes 18 units of time to be processed.

- **One line for each machine id:**
  For the rest of the file each line number represents the id of the machine where the operation in that position of the job is going to be processed.
  For example, if there were 3 jobs, each with 3 operations and 2 machines then the following:

  ```
  1  1  2
  2  1  2
  2  2  1
  ```

  means that the first operation of the first job will be processed on machine 1, the second operation of the first job will be processed on machine 1 as well, the third operation of the second job will be processed on machine 2.