

Files created using the ,plain' file format of *QCSPgen* have the following structure:

- The first line contains the following seven comma-separated integer values:
 - number of tasks n
 - number of bays b
 - number of precedence relations in set Φ
 - number of non-simultaneous relations in set Ψ
 - number of cranes q
 - travel time t
 - safety margin s
- The second line contains n integer values indicating the processing times p_i of tasks $i=1,2,\dots,n$.
- The third line contains n integer values indicating the bay locations l_i of tasks $i=1,2,\dots,n$.
- The fourth line contains q integer values indicating the ready times r^k of cranes $k=1,2,\dots,q$.
- The fifth line contains q integer values indicating the initial bay positions l_0^k of cranes $k=1,2,\dots,q$.
- The sixth line contains the text 'Phi:'
- Each of the subsequent $|\Phi|$ lines contains one task pair i,j with a precedence relation in set Φ .
- The next line contains the text 'Psi:'
- Each of the subsequent $|\Psi|$ lines contains one task pair i,j with a non-simultaneity relation in set Ψ .
- The file ends with text 'end.' within the last line.