

**Problem:**

A clothing manufacturer has a contract to make uniforms for two schools, A and B. The uniform includes a hat and a jacket that are visually nearly identical in style and color for both schools, made with the same materials, and have a wide range of size for children from 6 – 11.



Unfortunately, there was an error during the production run. There was a complete mix-up of 870 hat-and-jacket packages for school A with 1025 packages for school B. Now, nobody knows which and which. The manufacturer sends you file “hat\_jacketsize.csv” which lists the hat and jacket size data for all the packages and ask you to sort them out. Can you help them?