Ronald Aylmer Fisher (1890-1962) is known for his important contributions to statistics, including the analysis of variance (ANOVA), method of maximum likelihood, and the derivation of various sampling distributions. The theory of randomization (permutation) test has evolved from his 1930s works. Fisher argued physical randomization would make it possible to conduct a valid significance test without making any other assumption. Randomization test is powerful and extremely useful non-parametric test.

1. Read Boys shoes example (Textbook Page 81 and Dan’s Lecture Note 3 Page 5-6) and Tomato example (Textbook Page 78) for the examples of performing Paired Fisher Test and Unpaired Fisher Test respectively.
