MA 486/586-1G (Statistics), Dr. Chernov   Assignment #14
Due Mon, Apr 21

7th Edition: 8.4-4, 8.4-8a (note a misprint: read $H_1 : m_X - m_Y < 0$ instead of $H_0 : \ldots$),
8.11-6, 8.11-10*.

6th Edition: 8.9-4, 8.9-8a (note a misprint: read $H_1 : m_X - m_Y < 0$ instead of $H_0 : \ldots$),
8.12-6, 8.12-10*.

The starred problems are for extra credit. Each problem is graded on the base of "4
points max".

On the last topic (Section 25 of the classnotes), the homework will not be assigned.
For your practice, you can work on the following two problems from the textbook:

7th Edition: 8.10-4 (note: the Cauchy distribution function is $F(x) = \frac{1}{2} + \frac{1}{\pi} \tan^{-1} x$, see
page 173), 8.10-6.

6th Edition: 8.10-4 (note: the Cauchy distribution function is $F(x) = \frac{1}{2} + \frac{1}{\pi} \tan^{-1} x$, see
pages 206–207), 8.10-6.