Math 608 - Spring 2025 Homework 0 15 January 2025

Please send me an e-mail by class time on Wednesday, January 15, with the following information:

- Your name
- Your status in the university (Ph.D. student/Master's student/Undergrad year)
- Your home department or program
- Whether or not you've taken a class discussing each of the following topics:
 - Metric spaces
 - Point-set topology
 - Baire category theorem
 - Tychonoff's theorem
 - Fourier series or Fourier transform