

Question 1 (15 points): While on his way to CMPUT 229 class, Thomas got a text from his boyfriend that he may be invited for Thanksgiving dinner at their house. Thomas is a dedicated student and wants to pay attention to the lecture. However, he is also very anxious to receive the confirmation that he is actually invited. He keeps his phone on vibrate mode during the lecture. He would like to reply very soon after receiving any further texts. The app that they use for texting has three modes of interaction: interruptions, polling, and polling watchdog. Explain how each of these modes work in this scenario and list advantages and disadvantages of each of them.

1. (5 points) Interruptions

2. (5 points) Polling

3. (5 points) Polling Watchdog