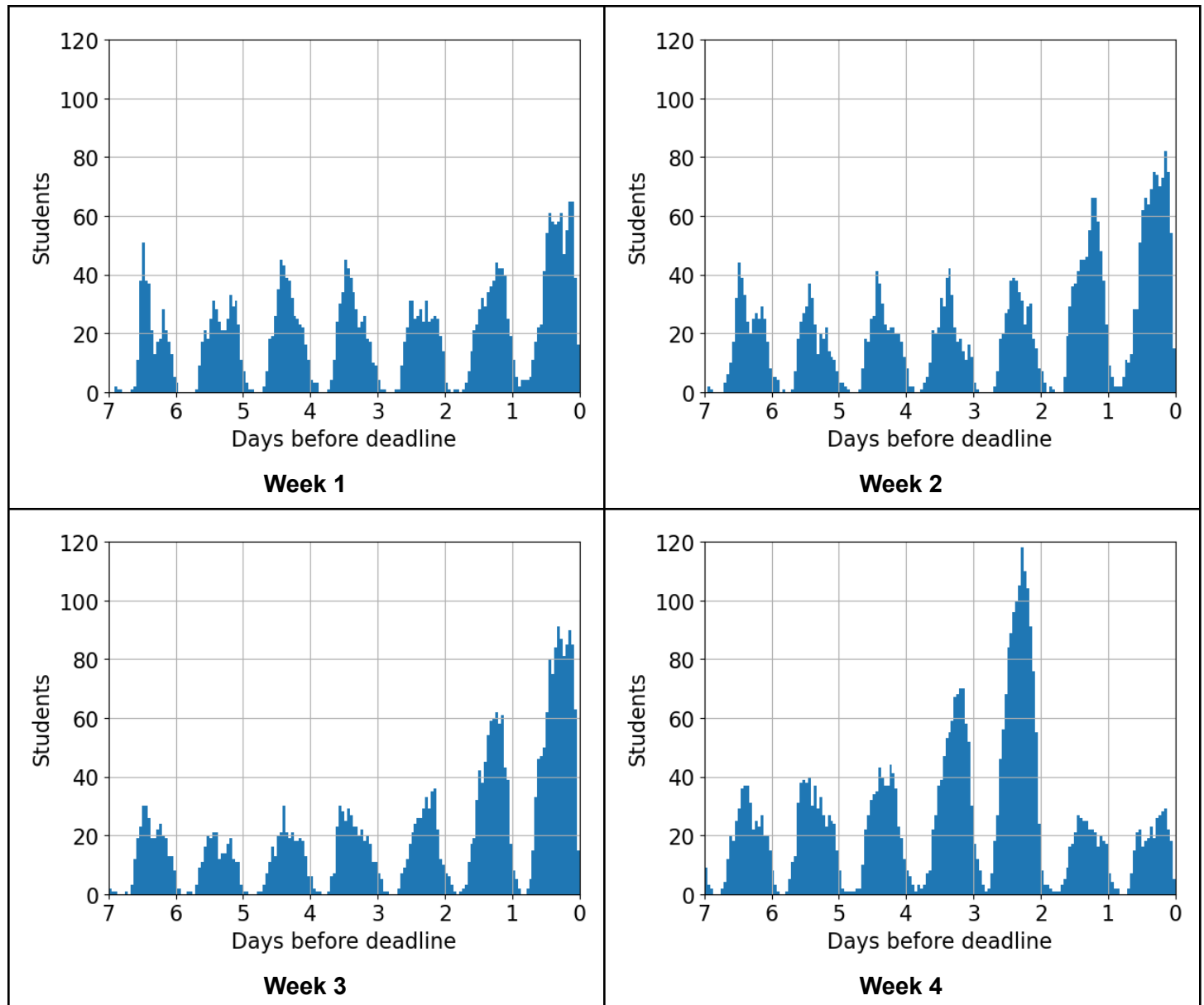
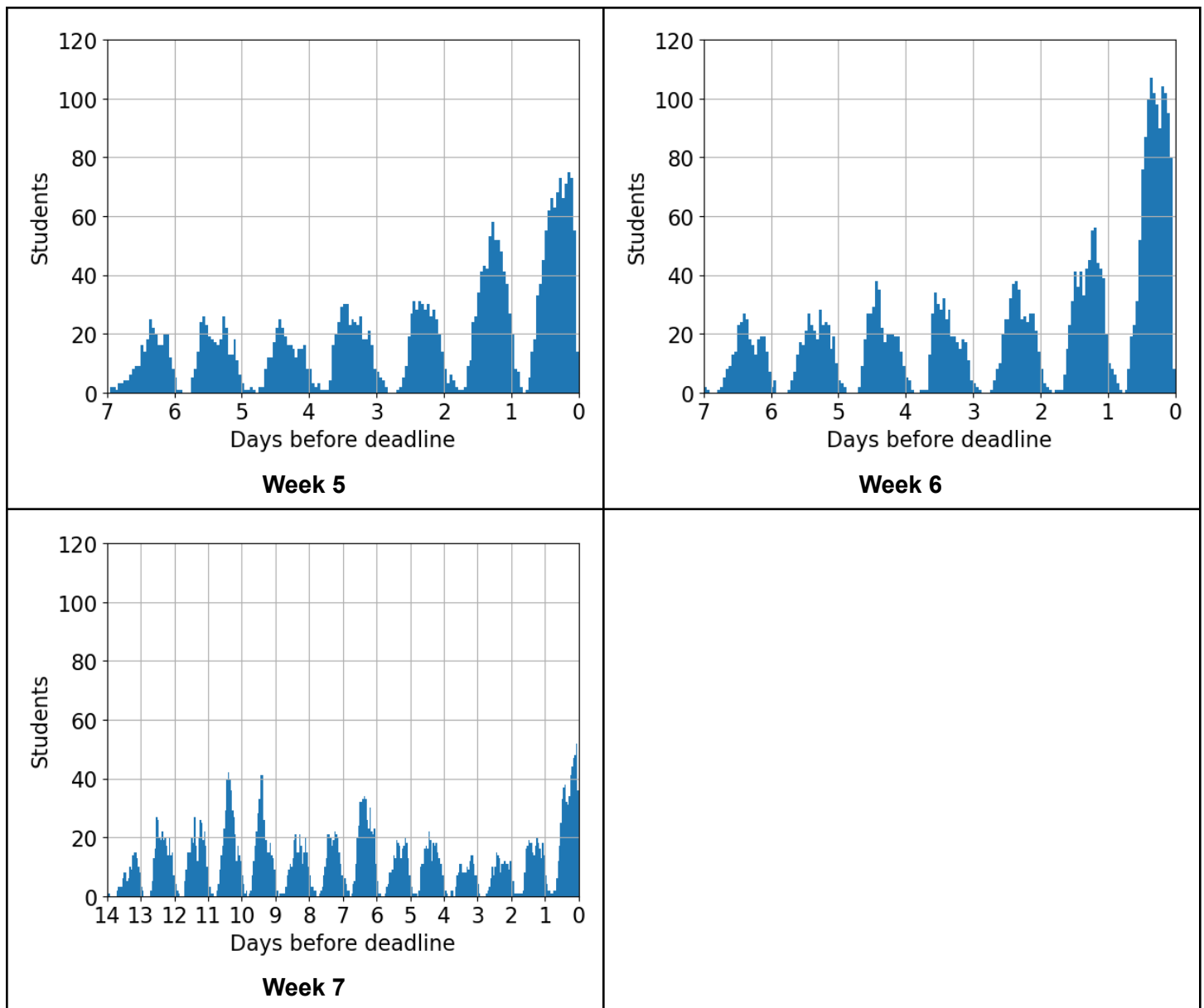


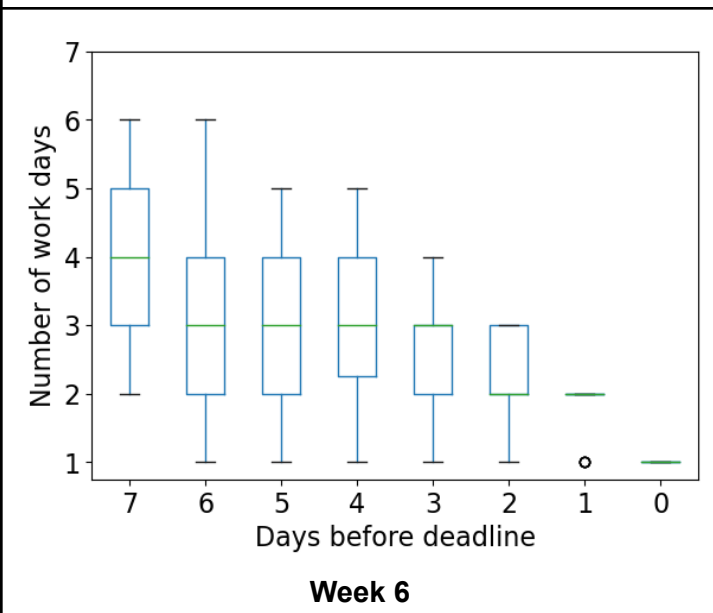
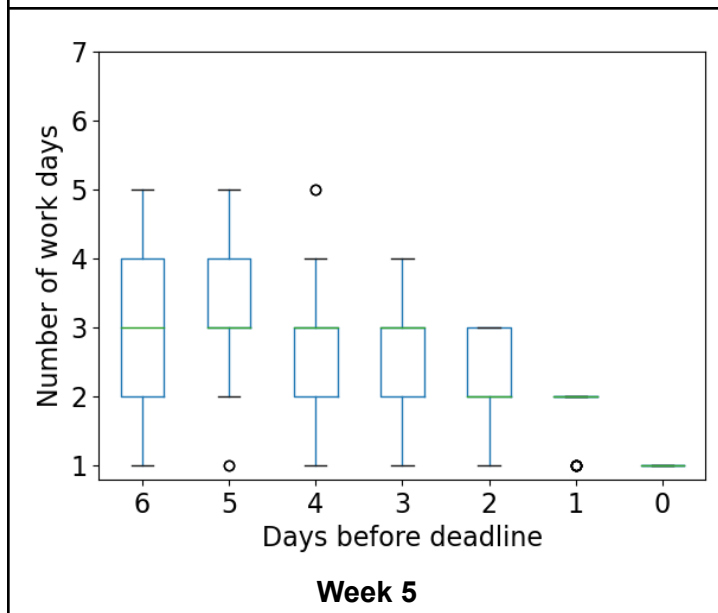
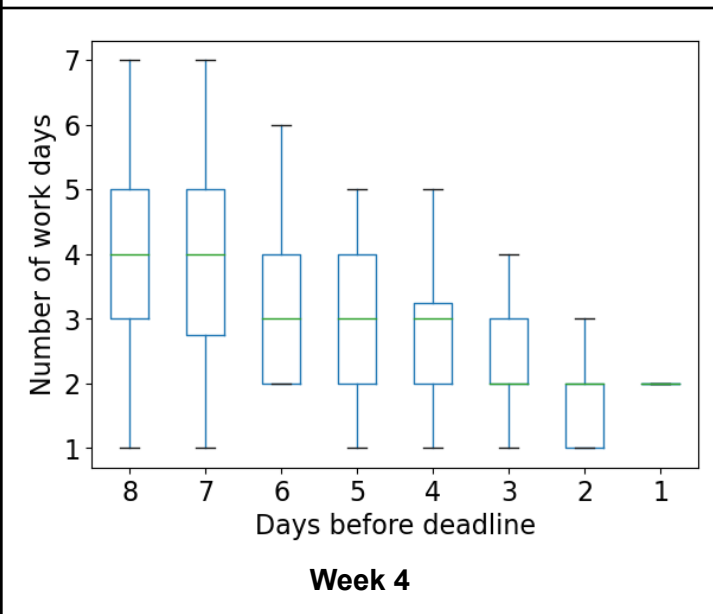
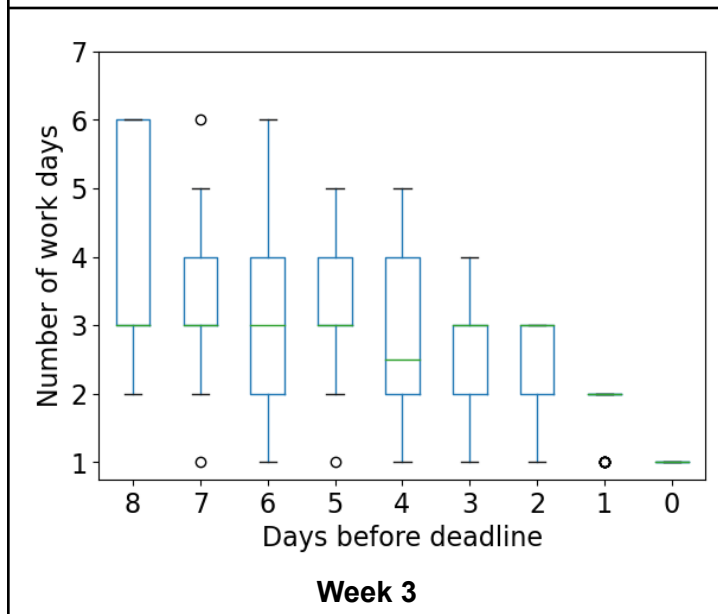
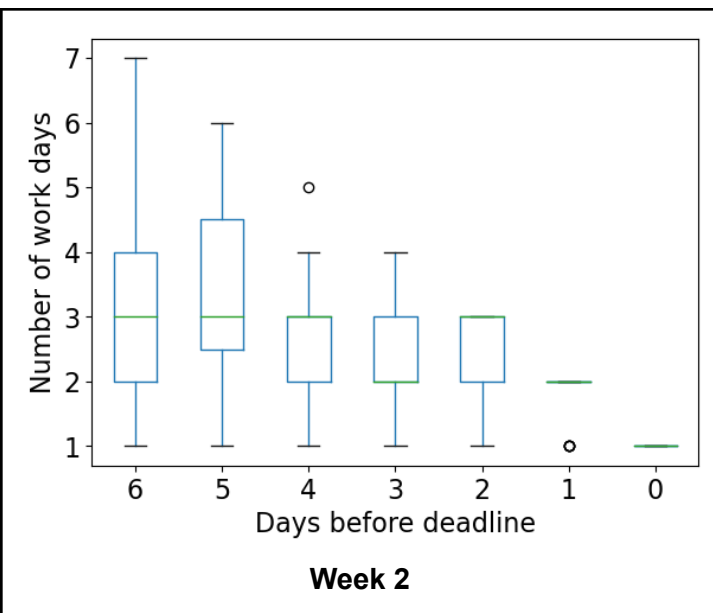
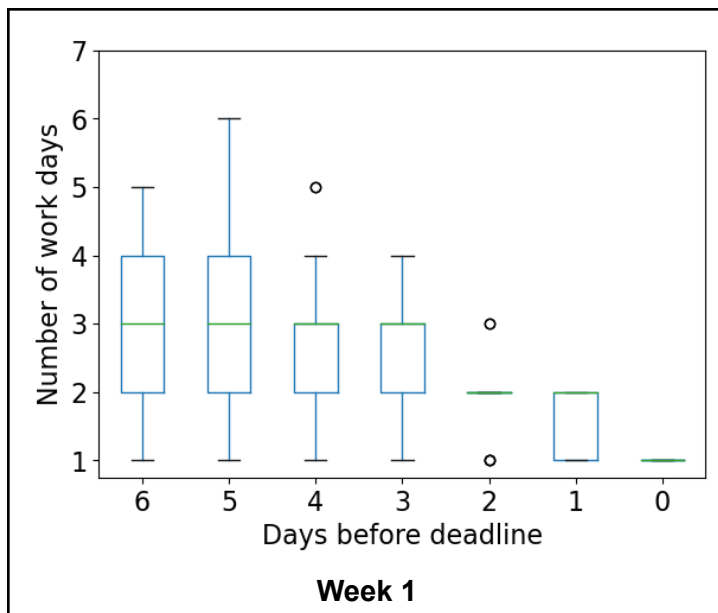
Number of active students (per hour) on the days before the programming assignment deadline

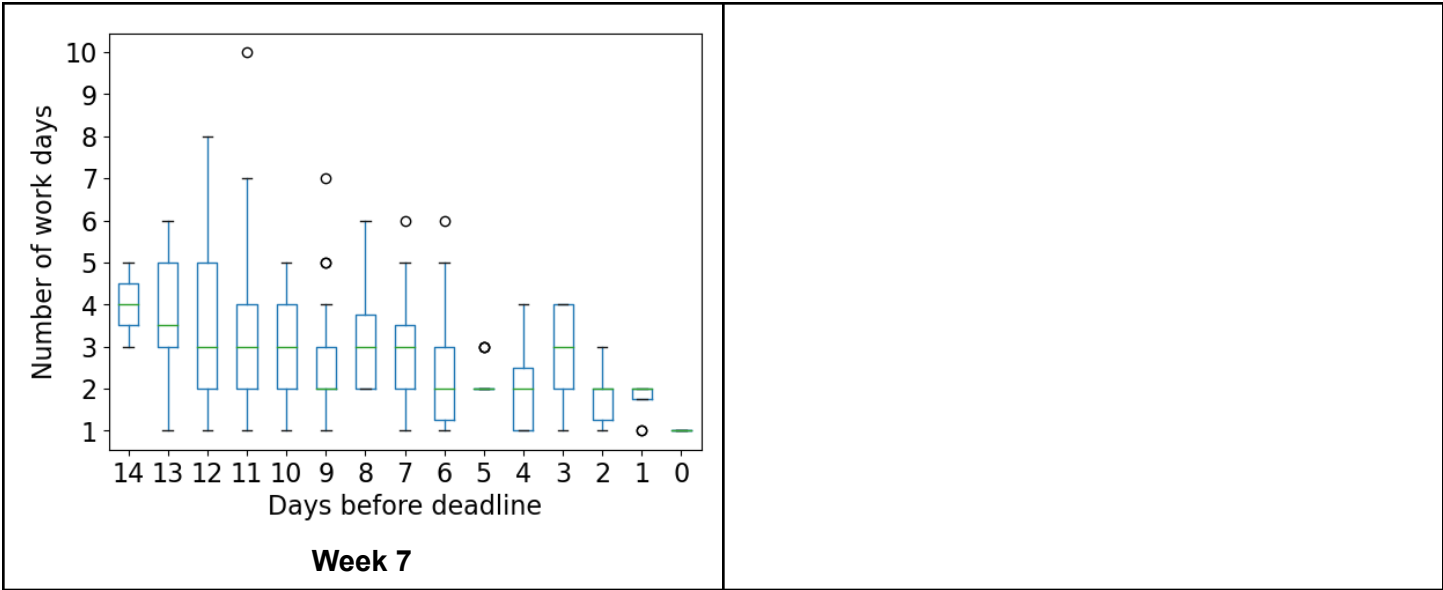
Note that students had two extra days (given near the end of the week) to work on assignments on week 4 due to technical issues with the automatic assessment platform.



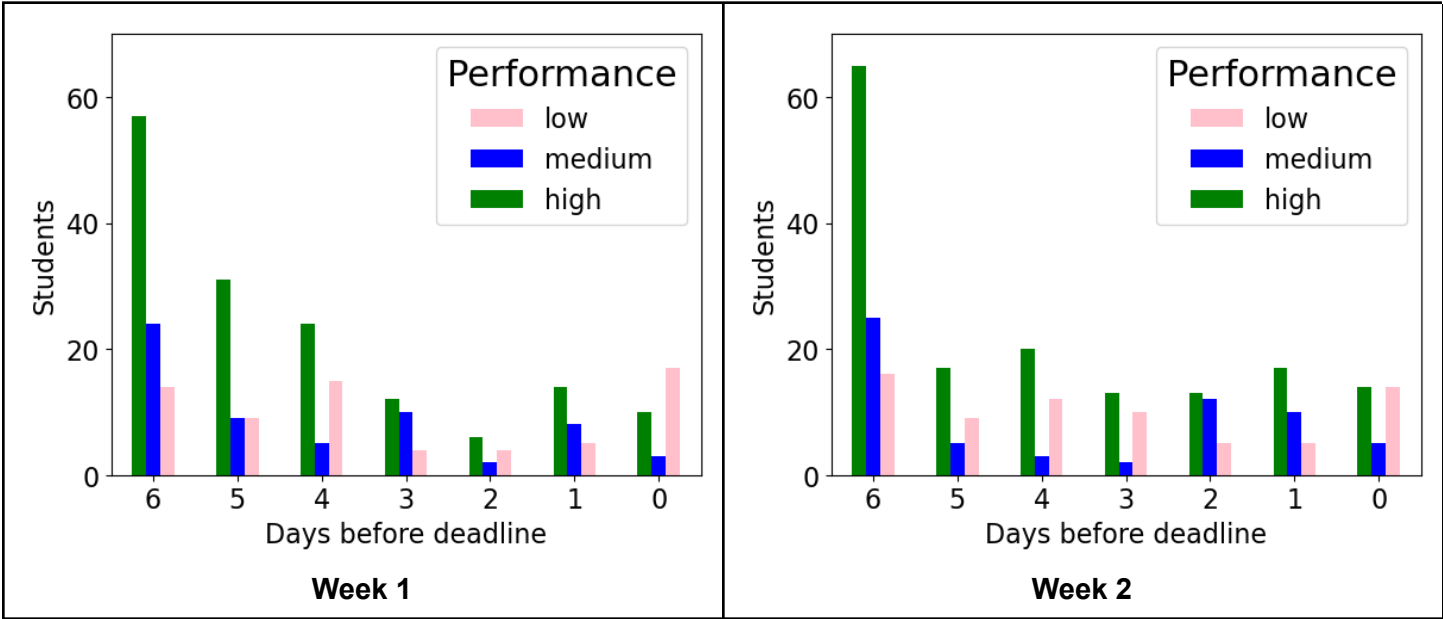


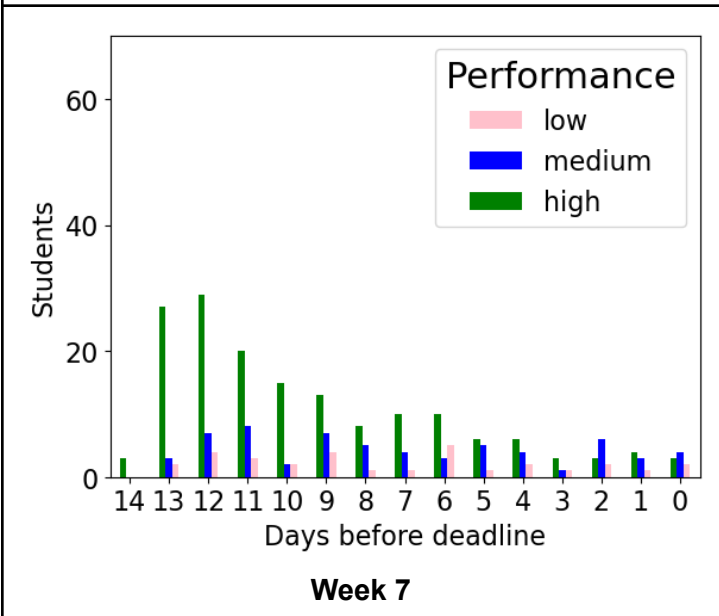
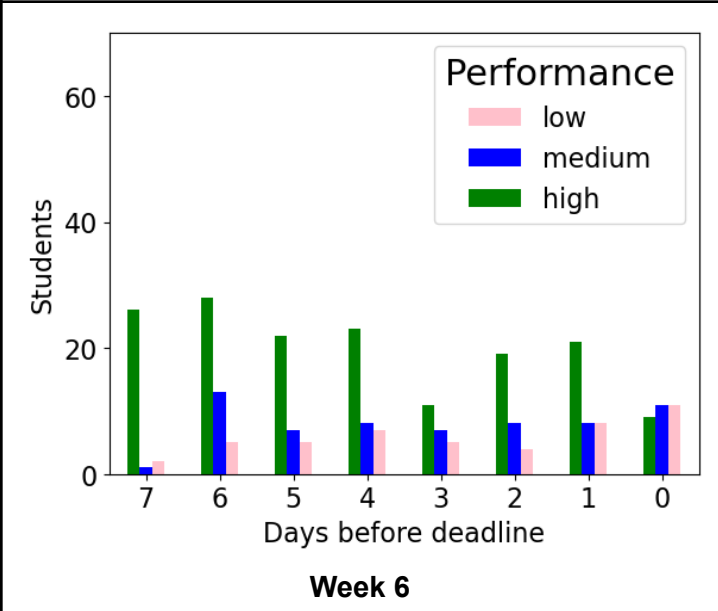
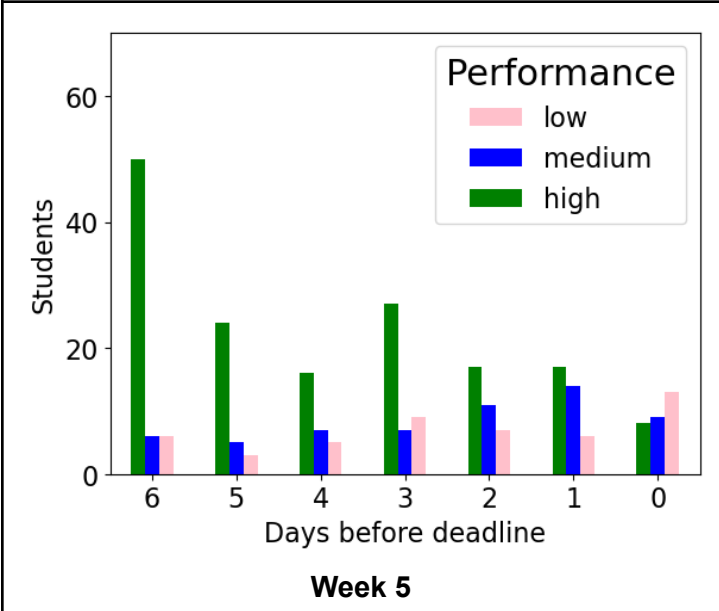
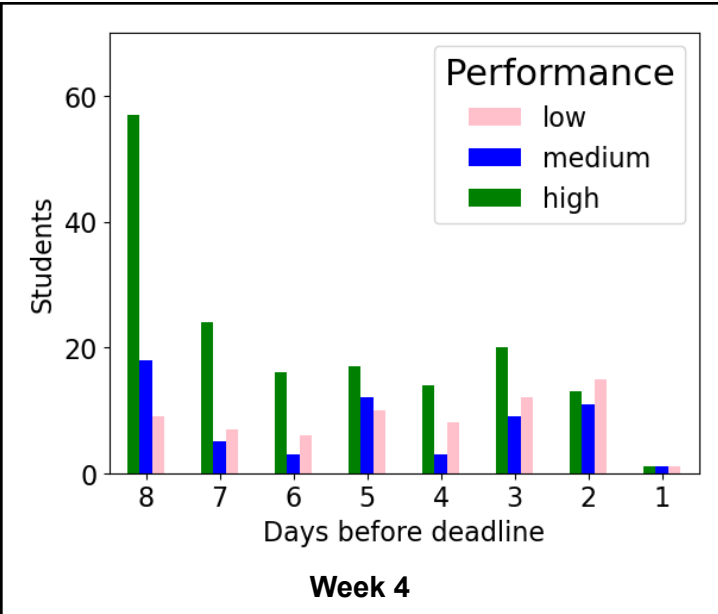
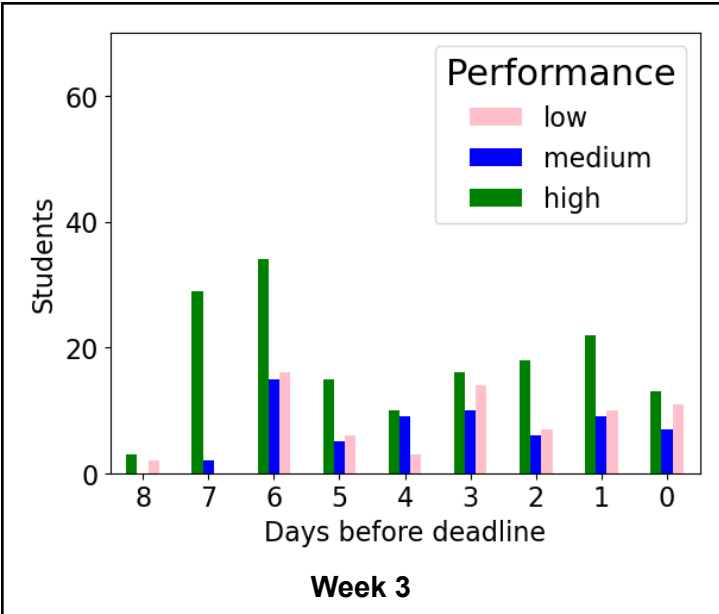
When students started (Days before deadline) and how long they worked on their assignment (Number of work days)





Number of students and when they started working on their assignments, binned by final course grade: low (0 and1), medium (2, 3, and 4), high (5)





Heatmaps indicating the average course grade of students (values inside squares) by their start times (x-axis) and how long they worked on their assignment (y-axis). Darker shades indicate lower grades. (Lowest grade: 0, highest grade: 5)

