Groups of up to three people can submit joint solutions. Each problem should be submitted by exactly one person, and the beginning of the homework should clearly state the Gradescope names and email addresses of each group member. In addition, whoever submits the homework must tell Gradescope who their other group members are.

1. (100 pts.) TITLE
   Problem description

2. (100 pts.) TITLE
   Problem description

3. (100 pts.) TITLE
   Problem description