Names, sorted alphabetically by first name

CS Ed - Week 2 - Worksheet

Groups of 3-4. Estimated time: 1 hour 45 mins
(I recommend taking 2 hours and having a little break in the middle).
Due: Sep 22 at noon (post doc in breakout channel)

To edit in Google Docs: Go to File -> Make a copy, then with the copy add your teammates (upper right corner "Share") so you can collaboratively edit. Post the link to your worksheet in your breakout channel. (You may alternatively use OneDrive if you prefer it!)

Assign these roles and **record them** beside your names above:

- Time-keeper: makes sure everybody on task, on time (if 3 person group, merge with facilitator)
- Facilitator: makes sure everybody gets to speak, reflects on team's process, guides consensus
- Recorder: writes down responses
- Researcher: looks up information

1. For today's reading, discuss:
    a. What did you like about this article? What was insightful? [10 mins]

    b. What did you struggle with in reading this article? What could have helped? [10 mins]

    c. How does the article square with your own experiences of learning programming? [10 mins]

    d. For each of these seven instructional techniques from the article, discuss your familiarity with each (as a student, as an instructor) and how to best use them [45 mins]
        i. Peer instruction
        ii. Live coding
        iii. Prediction-soliciting
        iv. Pair programming
        v. Subgoal labelling for worked examples
        vi. Authentic (contextualized) tasks
        vii. Parson's Problems

2. Draft one Parson's problem [20 mins]

3. What would you like Elizabeth to review/discuss at the start of next class? [10 mins]