

The “Intro 8”

- For this course, eight activities/tasks/puzzles/games have been chosen as recurring themes — an “intro 8”
- By course’s end, it is hoped that you can write programs that perform some version of these tasks (yes, you can bet that these will show up on your term portfolio in some form)
- The tasks intentionally have varying degrees of difficulty (some are distinctly easier than others) and openness (they’re more *categories* of tasks, than exact ones)

1. Calculating the tip for a restaurant bill
2. Splitting a check
3. An interview that leads to a decision (“Q&A”)
4. Searching a sorted list (such as a phone book)
5. Calculating someone’s age
6. Figuring out lottery winnings
7. Assessing a blackjack hand
8. Detecting a particular poker hand