



Lab 10 Trying to solve a real problem Started with designing the solution from a vague specification Broke into smaller problems (different classes, different responsibilities) • Implementing smaller components Building to large component Piazza Notes March 30, 2016 Sprenkle - CSCI111

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High-Low Game/TPIR Clock Game

- I'm thinking of a number between 1-100
- You want to guess the number as quickly as possible, i.e., in fewest guesses
- For every number you guess, I'll tell you if you got it right. If you didn't, I'll tell you whether you're too high or too low

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Reminder: write down guesses

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Searching	value	-3	0	0	1	2	7	8	9
	pos	0	1	2	3	4	5	6	7
Use algorithm to search for key = 8									
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Searching for a Playing Card

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 Given a deck of cards and a card to find, describe the algorithm for how you would find that card.
> Present several algorithms (naïve ones too!)

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Discuss the strengths and weaknesses of each