Lab 8		
Pair programming		
Feedback on Lab 7		
Review		
≻Lists		
➢ Files		
Modules		
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Lab 8: Pair Programming			Ev pairs	ery lab, will change
Name (alphabetically)	Partnered with	Name (alphabetically)	Partnered with	
Aiden	Nick	Jenna	Amanda	Sit with your
Amanda	Jenna	Lakpa	Cassandra	teammate.
Cassandra	Lakpa	Мас	Declan	Veu een eesk
Cole	Elle	Mary	Ford	log in. but one
Declan	Мас	Matt	Renan	computer will
Elle	Cole	Nick	Aiden	be the
Ford	Mary	Patrick	Han	[both]
Han	Patrick	Renan	Matt	program on.
Jack	Shelby	Shelby	Jack	
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Pair Programming

• Two people work together at a single computer

- Driver and Navigator work together on one task
- Roles change often
- Collective responsibility for outcome
- One approach used in "real world"

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Pair Programming Tradeoffs

Pros

- Bring together multiple perspectives, experiences, abilities, and expertise
- Higher quality code
 - Catch bugs earlier
- Knowledge transfer
- Enhanced learning, communication
- Requires 100% engagement

Cons

- Slows down lines per minute (~15%)
- Loss of autonomy
- Scheduling
- Overconfidence
- Concentration
- Requires 100% engagement

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LAB 7 FEEDBACK		
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Review: List Operations				
Si	Similar to operations for strings			
	Concatenation	<seq> + <seq></seq></seq>		
	Repetition	<seq> * <int-expr></int-expr></seq>		
	Indexing	<seq>[<int-expr>]</int-expr></seq>		
	Length	len(<seq>)</seq>		
	Slicing	<seq>[:]</seq>		
	Iteration	<pre>for <var> in <seq>:</seq></var></pre>		
	Membership	<expr> in <seq></seq></expr>		
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