Objectives		
 User input 		
 Software develop 	opment practices	
➤Testing		
Debugging		
➢Iteration		
• Broader Issue: A	Algorithms	
Jan 21, 2022	Sprenkle - CSCI111	1
1		









Trick: Type Conversion You can convert a variable's type >Use the type's *constructor* Value **Conversion Function/Constructor** Example Returned int(3.77)3 int(<number or string>) int("33") 33 float(<number or string>) float(22) 22.0 str(<any value>) str(99) "99" Jan 21, 2022 Sprenkle - CSCI111 6











































Design Patterns		
 General, repeatable problem in softwa Template for solut 	le solution to a commonly re design ion	/ occurring
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Broader Issue:	Typical Process	
1. Break into assign	ned groups	
2. Introduce yours	elves	
3. Answer questior	ns in groups	
4. Discuss in class		
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27		



Broader CS Is	sues	
Good summari	es!	
➢Good English,	complete sentences	
Followed the s	pecifications	
Good, thought	ful questions	
A lot are tease term	rs to what I hope we'll talk abou	t later this
Interest scale is	s 0 to 9	
≻Recall: Lab 0		
➢Why we start a	at 0 will be clearer soon	
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My Correctio	ns to Articles	omingos	
offers a masterfully simple definition: 'An algorithm is,' Domingos writes, 'a sequence of instructions telling a computer what to do.'"			
 "An algorithm is, essentially, a brainless way of doing clever things." 			
Jan 21, 2022	Sprenkle - CSCI111	31	
31			

