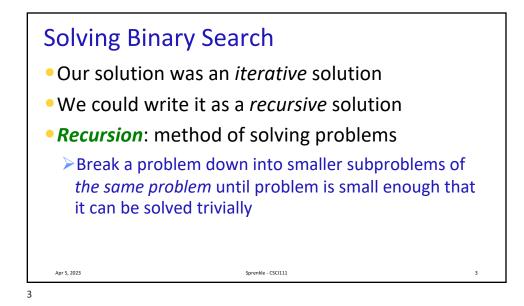
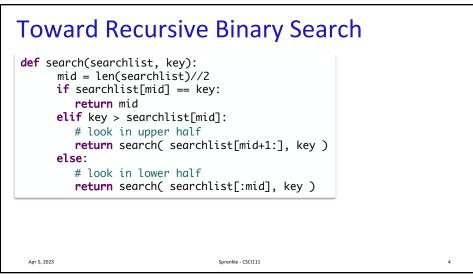
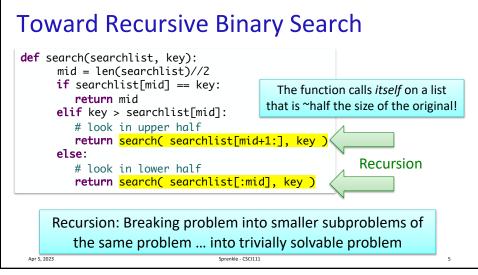
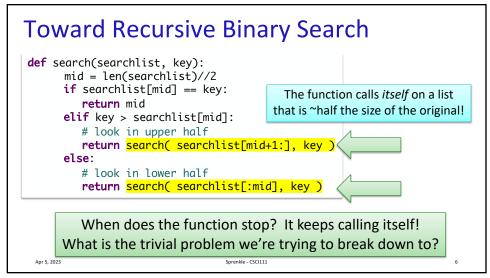


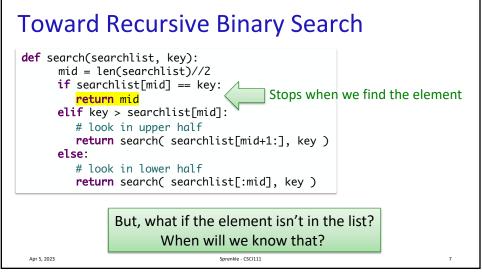
Review: Extensions to Goal: find a Person with a certain name Consider what happens when **searchlist** def search(searchlist, key): is a list of Persons, key is a str low=0 representing the name high = len(searchlist)-1while low <= high :</pre> Good capstone problem: mid = (low+high)//2Brings together if searchlist[mid] == key: return mid elif key > searchlist[mid]: # look in upper half low = mid+1else: # look in lower half high = mid-10 1 2 3 4 return -1 Person Person Person Person Person ld: "4" ld:"3" ld: "1" ld:"2" ld:"5" Apr 5, 2023 "Ben" "Brie" "Gal" 2 "Henry" "Samuel"

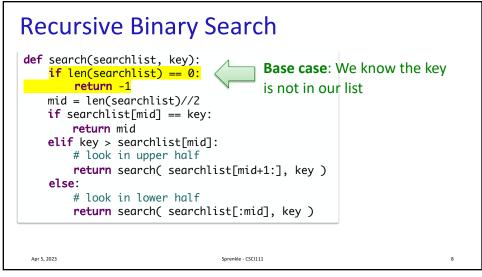


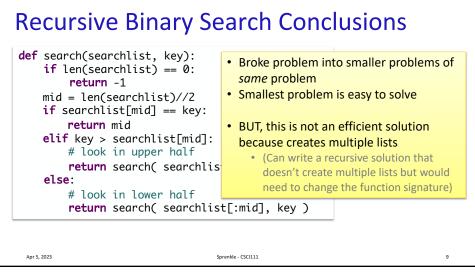


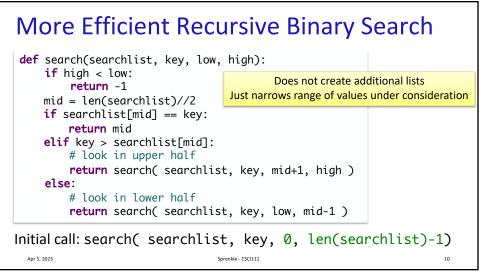


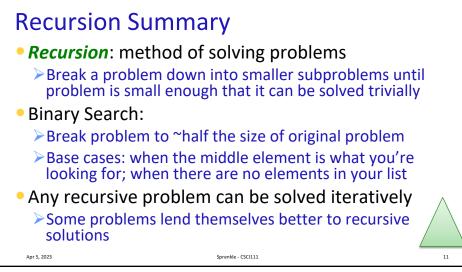


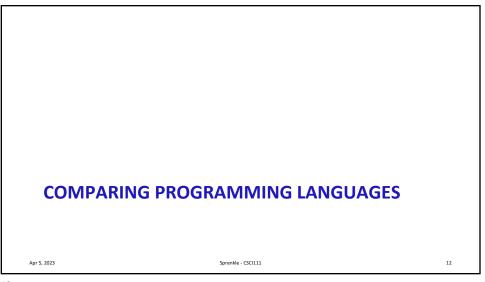


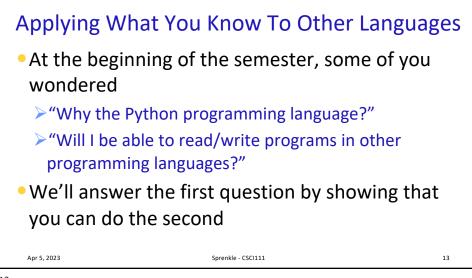


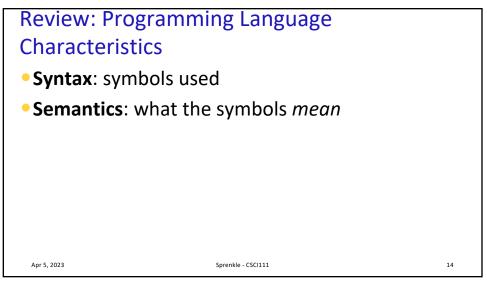


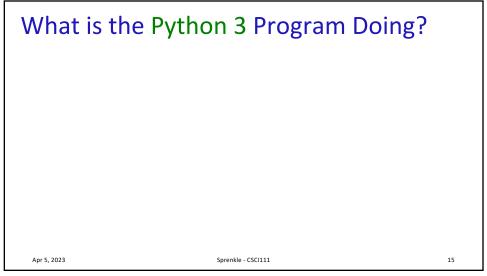


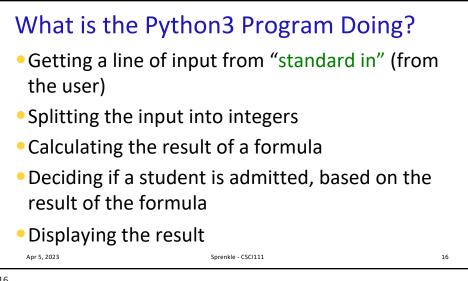






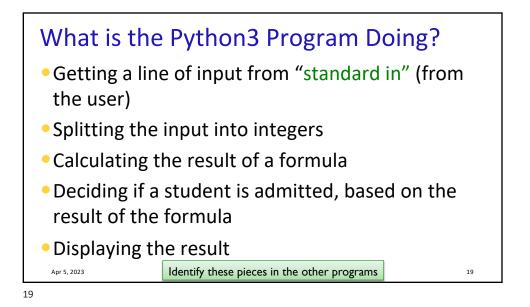


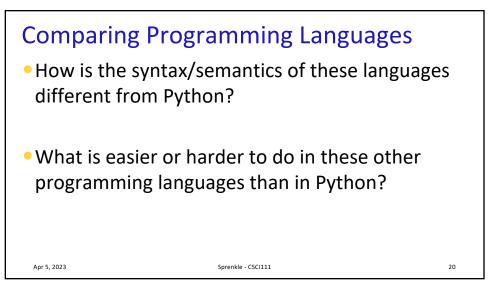


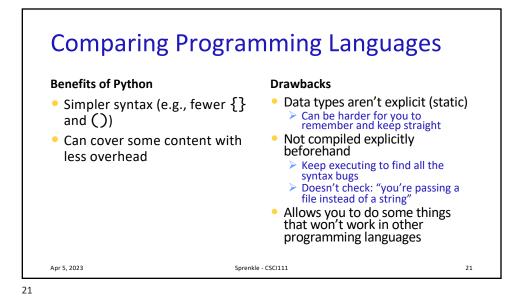


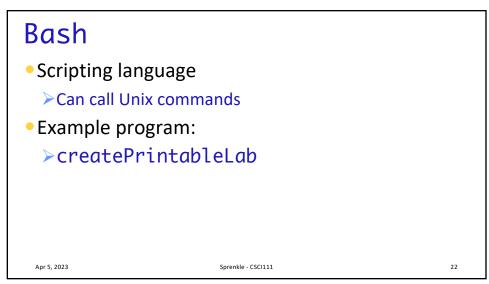
Adn	nissions Pr	oblem						
bas	nary University decides to admit students used on a formula that weighs various factors Scores of 70 or better are admitted							
Input: single line, 4 integers, in order below								
	Category	Range	Weight Factor (Multiplier)					
	AP Courses	0-10	3					
	Intangibles	1-10	2					
	High School GPA	0 - 100	0.25					
	SAT score	400-1600	.02]				
Apr 5, 202	3	Sprenkle - CSCI111		17				

Exam	nple Input/Expected Output					
	Input	Expected Output				
	0 1 0 300	DENY				
	6 10 99 1590	ADMIT				
	0 7 82 1500	ADMIT				
	2 5 80 990	DENY				
	5 5 92 1200	ADMIT				
	2 5 100 1300	ADMIT				
Apr 5, 2023	Spri	enkle - CSCI111				









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Mar 2023	Mar 2022	Change	Progra	mming Language	Ratings	Change
1	1	CSCI111, 112		Python	14.83%	+0.57%
2	2	CSCI210, 320	G	С	14.73%	+1.67%
3	3	CSCI209, 335	٢	Java	13.56%	+2.37%
4	4		G	C++	13.29%	+4.64%
5	5		0	C#	7.17%	+1.25%
6	6		VB	Visual Basic	4.75%	-1.01%
7	7	CSCI335	JS	JavaScript	2.17%	+0.09%
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9	8	~	php	PHP	1.61%	-0.30%
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