



Feedback

- Crucial
- Many mechanisms:
 - Compiler
 - Programmer's own testing
 - End-user testing
- The sooner the better -- enter the autograder
- Autograder provides immediate feedback for end-user testing.















Student Survey

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	1. The autograder ran test cases for the	Strongly				Strongly	Response	
	assignments that, on my own, I would	Disagree	Disagree	Neutral	Agree	Agree	Average	
	not have considered running.	4% (1)	8% (2)	8% (2)	48% (12)	32% (8)	3.96	
					Total Respondents		25	
					(skipped this question)		0	
	2. These test cases helped me gain a	Strongly				Stuanala	Dechonce	
	better understanding of the	Discourses	Disamo	Noutral	1 0000	Strongly	Response	
	programming concepts covered in the	Disagree	Disagree	Neutral	Agree	Agree	Average	
	assignments.	0% (0)	8% (2)	16% (4)	48% (12)	28% (7)	3.96	
					Total Respondents		25	
					(skipped this question)		0	
	 Being able to retrieve the instructor's solution to the assignment as soon as I 	Strongly				Strongly	Response	
	was finished submitting my assignment	Disagree	Disagree	Neutral	Agree	Agree	Average	
	was helpful to me.	0% (0)	0% (0)	24% (6)	28% (7)	48% (12)	4.24	
					Total Respondents		25	
					(skipped t	his question)	0	
	 Being able to submit my assignment multiple times helped me to more 					•		
	thoroughly learn the programming	Strongly				Strongly	Response	
	concepts the assignment was designed to	Disagree	Disagree	Neutral	Agree	Agree	Average	
	teach.	0% (0)	0% (0)	4% (1)	44% (11)	52% (13)	4.48	
					Total Respondents		25	
					(skipped this question)		0	
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								OREC

The autograder's late fee policy allowed me to learn programming	Strongly				Strongly	Response						
concepts more thoroughly than I might	Disagree	Disagree	Neutral	Agree	Agree	Average						
have without this policy.	0%(0)	4%(1)	32%(8)	36% (9)	28%(7)	3.88						
				Total I	Respondents	25						
1	Strongly			(supped ti	Strongly	Response						
1	Disagree	Disagree	Neutral	Agree	Agree	Average						
I found the autograder easy to use.	0% (0)	12%(3)	8%(2)	44% (11)	36% (9)	4.04						
				Total I	Respondents	25						
				(skipped tl	nis question)	0						
 If you have taken (or are taking) a programming course that did (does) not use an <u>autograder</u> please answer this question: Other things being equal, given the choice between taking a 												
programming course with or without the	Strongly				Strongly	Response						
autograder. I would choose the course	Disagree	Disagree	Neutral	Agree	Agree	Average						
that used the <u>autograder</u>	0% (0)	0%(0)	8% (2)	29% (7)	63% (15)	4.54						
				Total I	Respondents	24						
8. Please make any comments you				(skipped tl	uis question)	1						
autograder helped or hindered your				Total I	Respondents	20						
learning				(skipped t)	us question)	5						



