

IN300M1: Competency Assessment Rubric

All *competency* criteria must be met to earn a B grade and pass this Course Outcome.

A predefined number of *mastery* criteria must be met to earn an A grade, indicating mastery of the Course Outcome. See the *CLA and Grade Criteria Chart* below.

CRITERIA	MET	NOT YET MET
Part 1: Data Types and Operators		
Competency		
1. Student properly takes in three user inputs, sums, and averages, the numbers in Java.		
2. Student properly takes in three user inputs, sums, and averages, the numbers in Python.		
3. Student properly takes in three user inputs, sums, and averages, the numbers in R.		
4. Student identifies which language they had the most and least difficult time with.		
5. Student properly explains the meaning, use case, and result for the “==” operator and the equals() function in Java.		
Part 2: Decisions and Iterations		
Competency		
6. Student properly uses Java and outputs the grade based on the score entered.		
7. Student properly uses Python and outputs the grade based on the score entered.		
8. Student properly uses R and outputs the grade based on the score entered.		
9. Student properly uses Java and displays a category of books and prints a statement based on the category selected.		
10. Student properly uses Python and displays a category of books and prints a statement based on the category selected.		
11. Student properly uses R and displays a category of books and prints a statement based on the category		

IN300M1_Checklist Rubric

selected.		
12. Student properly uses Java and creates a nested FOR loop and prints proper row and column number.		
13. Student properly uses Python and creates a nested FOR loop and prints proper row and column number.		
14. Student properly uses R and creates a nested FOR loop and prints proper row and column number.		
Mastery		
Student writes code, in all three languages, to print a greeting message and values entered by the user prior to printing the resulting grade.		
Student writes code, in all three languages, adding another book category and complimentary message.		

CLA and Grade Criteria Chart

CRITERIA	CLA Score	Grade	Points
Meets all competency criteria and 50%–100% of mastery criteria	5	A	1000
Meets all competency criteria and 0%–49% of mastery criteria	4	B	850
Meets 75%–99% of competency criteria	3	Not Yet Competent *	0
Meets 50%–74% of competency criteria	2	Not Yet Competent *	0
Meets 1%–49% of competency criteria	1	Not Yet Competent *	0
Meets 0 competency criteria	0	Not Yet Competent *	0
No submission	NA	Not Yet Competent *	0

*Not Yet Competent grades convert to an F at term end.

***If work submitted for this competency assessment does not meet the minimum submission requirements, it will be returned for revision without being scored. If the work submitted does not meet the minimum submission requirements by the end of the term, you will receive a failing score.**