

IST 209 Assignment #1

2 October 2007

Simple user input and evaluation

You must upload the Java source file through the class' web server at siu.globaleyes.com prior to the beginning of the class on 2 Oct.

Develop a simple Java application which will ask the user 2 questions:

1. What letter grade do you expect to get in IST 209?
2. What is your current numeric grade?

Note: you can ask the questions in any way which will get the user to type in an appropriate response and you can use whatever method we've covered in class to prompt the user to type in the requested information.

Use the class' grading scale to determine if the person filling in the form will get the grade they are seeking and print out an appropriate response (e.g., "Congratulations, you are getting the grade you wanted!", etc.). Hint: there are at least 4 or 5 possible responses.

Grading Scale

92.0–100.0%	A
84.0–91.99%	B
76.0–83.99%	C
68.0–75.99%	D
< 67.99%	F

Your assignment will be graded along 3 primary facets.

Category	Criterion	Value
1. Correctness	Does it compile and produce the correct results?	75 points
2. Style	E.g., comments, use of whitespace, variable and method names	15 points
3. Elegance/ Robustness	Is the code reusable? Does the code use the available language constructs effectively? Is the code efficient? Does the code test for or prevent user errors?	10+ points