

# Homework Assignment 2: GradeClassifier.java

## Submission: submit GradeClassifier.java to Blackboard

The main purpose of this assignment is to practice basic decision making in Java.

Write a program to ask user for a number grade between 0 and 100. Convert it to letter grade based on the following scheme:

[0 – 60)	E
[60 – 70)	D
[70 – 80)	C
[80 – 90)	B
[90 – 100]	A

*\* The square bracket '[' or ']' denotes inclusive, the round bracket '(' or ')' denotes exclusive*

If the number grade entered by the user is out of range (e.g., less than 0 or greater than 100), display a message to notice that the grade is invalid.

Sample interaction:

What is your score?  
83  
You will receive B

What is your score?  
120  
Oops, you entered an invalid grade!

Test your program with different numbers to make sure it runs correctly.