

CS101: Lab #6  
Conditionals and Loops Part I

1. Write a program that takes as input a single character and will print both the input letter grade and the appropriate comment to the screen according to the table. You need to handle both uppercase and lowercase letters.

Letter Grade	Comment
A	Superior
B	Good
C	Average
D	Just Passing
F	Failure
Any Other Grade	ERROR

2. The following rules illustrate traditional economic policy theory in terms of regulating a government's economy.

a) If the annual growth rate is less than 1%:

- If inflation is less than 3%, recommended economic policy is:  
Increase welfare spending, reduce personal taxes, and decrease discount rate.
- Otherwise, recommended economic policy is:  
Reduce business taxes.

b) If the annual growth rate is greater than 4%:

- If inflation is less than 1%, recommended economic policy is:  
Increase personal and business taxes, and decrease discount rate.
- If inflation is greater than 3%, recommended economic policy is:  
Increase discount rate.

Write a program that applies these economic policy practices. More specifically, read in `growthRate` and `inflation` values and output the recommended economic policy for the given economic situation. If there is no recommended economic policy for the given economic situation, then output 'No change in economic policy'.