ICS 410: <u>Programming Languages</u> (062)			Section: 02	
Date	e: 16 <sup>th</sup> May 2007	Quiz #4	Time: 20 Minutes	
Nam	ne:		D#:	
Que	estion 1:			
a.	What is a short-circuit eval	uation? Give a simple example for one?	(2 points)	
b.	When a functional side-eff avoid this problem	ect causes a problem for expression evaluation	? Suggest one solution to (3 points)	
Que	estion 2:			

Assuming that there are no there are no precedence rules and all operators associate right-to-left,

(3 points)

show the order of evaluation in the following expression: a + b \* c / d + (e - f)

## **Question 3:**

a. What is a control structure? Give an example for one.

(2 points)

b. Why do we need to use the break statement in the C switch control Structure?

(2 points).

## **Question 4:**

Rewrite the following pseudocode segment using a for loop structure in Java:

(3 points)