CSCE 330 Fall 2007
Quiz 17
Assigned Thursday, 07-11-29

1. `if 5 < 6 orelse (5 div 0) < 6 then 7 else 8;`

   (a) Is the above ML statement an expression or a command? (Choose one). **Answer:** an expression

   (b) Will the above ML statement result in an exception? **Answer:** no

   (c) If not, what will the result be? **Answer: 7**

2. Write an ML function that adds 1 to all the elements of a non-empty integer list. Call the function ad1xs. Use patterns.

   Answer:

   ```
   fun ad1xs [x] = [x+1]
   |   ad1xs (x::xs) = (x+1) :: ad1xs (xs);
   ```