## CvP - Werkcollege 11

Exercise 1 Rewrite the following scheme function to a Haskell function:

Exercise 2 Using pattern matching, find a function definition of head (car in scheme) and of tail (cdr in scheme).

Exercise 3 Create a function that takes a list, removes even numbers, and replaces them with "BOOM" if they are lower than 10, and by "BANG" otherwise. You can use the function odd which returns true if a number is odd.

**Exercise 4** Create an endless list of all numbers divisible by 7, greater than 71 when they are doubled.

 $\begin{tabular}{ll} \textbf{Solution 5} & \textbf{Create an endless list of all Fibonacci numbers using cons}, \verb|zipWidth| \\ and \verb|tail|. \\ \end{table}$