--Questao 19

stringNum [] = 0

stringNum (x:xs) = ((ord x) - 48)\*10^(length xs) + stringNum xs

--Questao 20

decBin' 0 = []

decBin' n | mod n 2 == 1 = '1' : decBin' (div n 2)

| mod n 2 == 0 = '0' : decBin' (div n 2)

decBin n = inverso (decBin' n)

--Questao 21

binDec [] = 0

binDec (x:xs) = (ord x - 48)\*2^(length xs) + binDec xs

--Questao 22

trocoCafe n f = troco (f - n) [50,20,10,5]

troco n [] = []

troco n (x:xs) = if (div n x > 0) then (x, div n x) : troco (mod n x) xs else troco n xs