Csc 301 Lab 6 Baheem Ferrell

Problems

Implement the bubble sort in ML using pattern matching and local function definitions and show that it works with a few simple examples.

A nice description of the bubble sort can be found on Wikipedia.

A helpful function for the bubble sort is:

```
fun issorted [] = true
  | issorted [x] = true
  | issorted (x::y::t) = x <= y andalso issorted(y::t);</pre>
```

```
- val sumto = fn : int -> int

val listfrom = fn : int -> int list

val strcopy = fn : string * int -> string

val power = fn : int * int -> int

val listcopy = fn : 'a * int -> 'a list

val sumEvens = fn : int -> int

val listOdds = fn : int -> int list

val nat = fn : int -> string

val listto = fn : int -> int list
```