CSCE 330 Fall 2000

Quiz 23

Assigned Friday 00/11/3

Consider this function:

```
fun ins (x, []): real list = [x]
|   ins (x, y::ys) =
if x <= y then x::y::ys (* x belongs here *)
  else y::ins(x,ys);
```

What is `ins(4.0, [3.0, 5.5, 2.0, 1.0, -10.0])`?
Answer: `[3.0, 4.0, 5.5, 2.0, 1.0, -10.0]`.