

# 1998 Paper 1 Question 1

## Foundations of Computer Science

Code the function `least(n, xs)`, which returns the least  $n$  elements of the list  $xs$  of real numbers. The result does not have to be sorted. You may assume  $n \leq \text{length}(xs)$ .

[Hint: Function `least` is a simple modification of quicksort. A solution that works by sorting the entire list will receive little credit. You may take the function `length` as given.]

[10 marks]