

```
type ListOfString = Empty | Nonempty of string * ListOfString
```

```
let rec reverse x accum =  
  match x with  
  | Empty -> accum  
  | Nonempty (x,xs) ->  
    reverse xs (Nonempty (x,accum))
```

```
printfn "%A" (reverse (Nonempty ("a",Nonempty ("b", Nonempty  
("c",Empty) ))) Empty)
```