

procedural vs functional "if"

consider a procedural programming language:

```
int x := ....  
string z := null;  
if ( x > 10) then DO //something  
    z:= 'a big number';  
else DO //something  
    z := 'a small number'
```

The same in a functional style

```
let x := .....  
let z := // evaluation of a term  
    // functional evaluation "if"  
    if (x> 10) THEN THE RESULT IS 'a big number';  
    else THE RESULT SHOULD BE 'a small number'
```

....

note: SQL has such a functional CASE statement