

$p$	$q$	$(p \wedge q)$
F	F	F
F	T	F
T	F	F
T	T	T

example 1.3 let

Construct the propositions  $p \wedge q$  and  $p \vee q$ .

Documentation goes here ... Code goes here too ...

SML

```
"Example 1.3";  
val p = 2+3 < 6;  
val q = 9 < 7;  
infix AND;  
fun p AND q = p andalso q;  
p AND q;
```

```
> "Example 1.3";  
val it = "Example 1.3": string  
> val p = 2+3 < 6;  
val p = true: bool  
> val q = 9 < 7;  
val q = false: bool  
> infix AND;  
infix 0 AND  
> fun p AND q = p andalso q;  
val AND = fn: bool * bool -> bool  
> p AND q;  
val it = false: bool
```