

```
- fun arithSum(N) =  
=   let  
=     val s = ref 0;  
=     val i = ref 1;  
=   in  
=     (while !i <= N do  
=       (s := !s + !i;  
=         i := !i + 1);  
=       !s)  
= end;
```

```
- fun remainder(a, b) =  
=   let  
=     val q = a div b;  
=     val p = q * b;  
=     val r = a - p;  
=   in  
=     r  
=   end;
```

```
- fun findMin(array) =  
=   let  
=     val min = ref (sub(array, 0));  
=     val i = ref 1;  
=   in  
=     (while !i < length(array) do  
=       (if sub(array, !i) < !min  
=         then min := sub(array, !i)  
=         else ();  
=         i := !i + 1);  
=     !min)  
=   end;
```