

## Just Because You Can...

```
gauss = do count <- newIORef 0
          total <- newIORef 0
          let loop
              = do t <- readIORef total
                  c <- readIORef count
                  if (c>=11)
                      then return t
                      else dowriteIORef total (t+c)
                  writeIORef count (c+1)
              loop
          loop
```