

## FUNCTIONS



### Functions

- Functions are routines with a purpose
- Programming languages come with predefined functions

### Functions

Can also be custom written



Are called from within a program



Can be accessed repeatedly



## Function Libraries



## Creating Functions

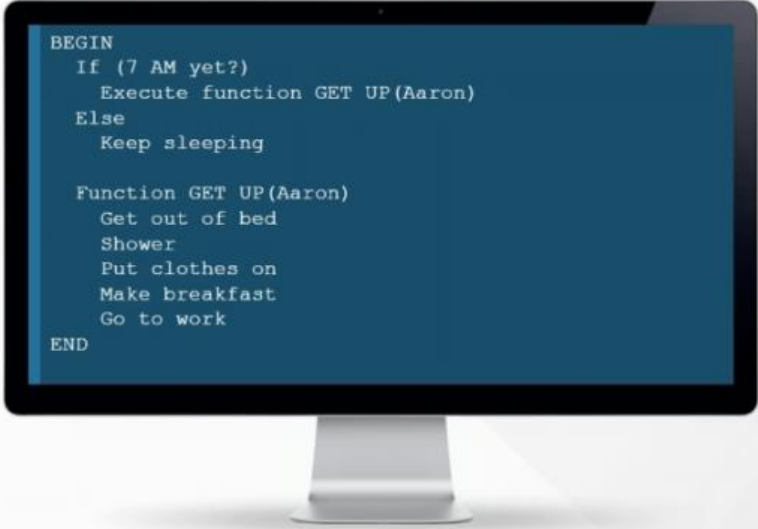
Write (define) it once



Use it many times



## Function Example in Pseudocode



```
BEGIN
  If (7 AM yet?)
    Execute function GET UP(Aaron)
  Else
    Keep sleeping

  Function GET UP(Aaron)
    Get out of bed
    Shower
    Put clothes on
    Make breakfast
    Go to work
END
```