

This is a simple **review** exercise.

In simple point form write down what you see is wrong with the code. Please explain **WHY** you think it is wrong and how you would rectify it.

Please take no more than **15-20 minutes** of time for this exercise.

```
package main

import "fmt"

func worker(id int, jobs <-chan int, results chan<- int) {

    for j := range jobs {
        go func() {
            switch j % 3 {
            case 0:
                j = j * 1
            case 1:
                j = j * 2
                results <- j * 2
            case 2:
                results <- j * 3
                j = j * 3
            }
        }()
    }
}

func main() {
    jobs := make(chan int)
    results := make(chan int)
    for i := 1; i <= 1000000000; i++ {
        go func() {
            if i%2 == 0 {
                i += 99
            }
            jobs <- i
        }()
    }
}
```

```
}  
close(jobs)  
jobs2 := []int{}  
for w := 1; w < 1000; w++ {  
    jobs2 = append(jobs2, w)  
}  
  
for i, w := range jobs2 {  
    go worker(w, jobs, results)  
    i = i + 1  
}  
close(results)  
var sum int32 = 0  
  
for r := range results {  
    sum += int32(r)  
}  
  
fmt.Println(sum)  
}
```