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.

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) }