Pseudocodigo de solución

Santa problem solution (Santa)

```
1  santaSem.wait()
2  mutex.wait()
3      if reindeer >= 9:
4          prepareSleigh()
5          reindeerSem.signal(9)
6          reindeer -= 9
7      else if elves == 3:
8          helpElves()
9  mutex.signal()
```

Santa problem solution (reindeer)

```
1  mutex.wait()
2      reindeer += 1
3      if reindeer == 9:
4          santaSem.signal()
5  mutex.signal()
6
7  reindeerSem.wait()
8  getHitched()
```

Santa problem solution (elves)

```
1  elfTex.wait()
2  mutex.wait()
3      elves += 1
4      if elves == 3:
5          santaSem.signal()
6      else
7          elfTex.signal()
8  mutex.signal()
9
10 getHelp()
11
12 mutex.wait()
13     elves -= 1
14     if elves == 0:
15         elfTex.signal()
16 mutex.signal()
```