```
Santa thread started
          Elf 3 starts
          Elf 4 starts
          Elf 2 starts
          Elf 1 starts
          Elf 5 starts
          Elf 6 starts
          Elf 7 starts
     Reindeer 1 starts
     Reindeer 2 starts
     Reindeer 3 starts
     Reindeer 4 starts
     Reindeer 5 starts
     Reindeer 6 starts
     Reindeer 7 starts
     Reindeer 8 starts
     Reindeer 9 starts
     Reindeer 1 returns
     Reindeer 4 returns
     Reindeer 2 returns
          Elf 7 has a problem
          Elf 5 has a problem
     Reindeer 9 returns
          Elf 4 has a problem
          Elves 7, 5, 4 wake up the Santa
     Reindeer 5 returns
Santa answers the question posted by elves 7, 5, 4
          Elves 7, 5, 4 return to work
     Reindeer 7 returns
          Elf 3 has a problem
     Reindeer 3 returns
          Elf 1 has a problem
          Elf 6 has a problem
          Elves 3, 1, 6 wake up the Santa
     Reindeer 6 returns
     Reindeer 8 returns
          Elf 2 has a problem
Santa answers the question posted by elves 3, 1, 6
          Elves 3, 1, 6 return to work
     The last reindeer 8 wakes up Santa
          Elf 7 has a problem
Santa is preparing the sleigh
The team flies off (1)!
          Elf 5 has a problem
          Elves 2, 7, 5 wake up the Santa
          Elf 4 has a problem
Santa answers the question posted by elves 2, 7, 5
          Elves 2, 7, 5 return to work
          Elf 3 has a problem
          Elf 1 has a problem
```

```
Elves 4, 3, 1 wake up the Santa
Santa answers the question posted by elves 4, 3, 1
          Elves 4, 3, 1 return to work
     Reindeer 3 returns
          Elf 6 has a problem
     Reindeer 1 returns
     Reindeer 2 returns
     Reindeer 4 returns
     Reindeer 5 returns
     Reindeer 7 returns
     Reindeer 6 returns
          Elf 2 has a problem
     Reindeer 9 returns
          Elf 7 has a problem
          Elves 6, 2, 7 wake up the Santa
     Reindeer 8 returns
Santa answers the question posted by elves 6, 2, 7
          Elves 6, 2, 7 return to work
          Elf 5 has a problem
          Elf 1 has a problem
     The last reindeer 8 wakes up Santa
Santa is preparing the sleigh
The team flies off (2)!
          Elf 4 has a problem
          Elf 3 has a problem
          Elves 5, 1, 4 wake up the Santa
Santa answers the question posted by elves 5, 1, 4
          Elves 5, 1, 4 return to work
          Elf 7 has a problem
          Elf 2 has a problem
          Elves 3, 7, 2 wake up the Santa
Santa answers the question posted by elves 3, 7, 2
          Elves 3, 7, 2 return to work
          Elf 6 has a problem
     Reindeer 9 returns
     Reindeer 5 returns
          Elf 5 has a problem
     Reindeer 4 returns
     Reindeer 7 returns
          Elf 4 has a problem
          Elves 6, 5, 4 wake up the Santa
     Reindeer 8 returns
Santa answers the question posted by elves 6, 5, 4
          Elves 6, 5, 4 return to work
     Reindeer 1 returns
     Reindeer 6 returns
          Elf 7 has a problem
     Reindeer 2 returns
     Reindeer 3 returns
     The last reindeer 3 wakes up Santa
```

```
Elf 1 has a problem
Santa is preparing the sleigh
The team flies off (3)!
          Elf 2 has a problem
          Elf 3 has a problem
          Elves 7, 1, 2 wake up the Santa
Santa answers the question posted by elves 7, 1, 2
          Elves 7, 1, 2 return to work
          Elf 5 has a problem
          Elf 4 has a problem
          Elves 3, 5, 4 wake up the Santa
Santa answers the question posted by elves 3, 5, 4
          Elves 3, 5, 4 return to work
          Elf 6 has a problem
     Reindeer 8 returns
     Reindeer 1 returns
     Reindeer 2 returns
     Reindeer 9 returns
     Reindeer 6 returns
     Reindeer 5 returns
     Reindeer 4 returns
          Elf 7 has a problem
          Elf 1 has a problem
          Elves 6, 7, 1 wake up the Santa
     Reindeer 7 returns
          Elf 3 has a problem
Santa answers the question posted by elves 6, 7, 1
          Elves 6, 7, 1 return to work
          Elf 2 has a problem
     Reindeer 3 returns
     The last reindeer 3 wakes up Santa
          Elf 5 has a problem
          Elf 4 has a problem
Santa is preparing the sleigh
The team flies off (4)!
          Elf 1 has a problem
          Elves 3, 2, 5 wake up the Santa
Santa answers the question posted by elves 3, 2, 5
          Elves 3, 2, 5 return to work
          Elf 6 has a problem
          Elves 4, 1, 6 wake up the Santa
          Elf 7 has a problem
Santa answers the question posted by elves 4, 1, 6
          Elves 4, 1, 6 return to work
     Reindeer 4 returns
     Reindeer 1 returns
          Elf 2 has a problem
     Reindeer 9 returns
     Reindeer 3 returns
     Reindeer 6 returns
```

```
Reindeer 7 returns
     Reindeer 5 returns
     Reindeer 2 returns
          Elf 3 has a problem
          Elves 7, 2, 3 wake up the Santa
Santa answers the question posted by elves 7, 2, 3
          Elves 7, 2, 3 return to work
     Reindeer 8 returns
          Elf 5 has a problem
     The last reindeer 8 wakes up Santa
          Elf 6 has a problem
          Elf 1 has a problem
          Elf 4 has a problem
Santa is preparing the sleigh
The team flies off (5)!
          Elf 7 has a problem
          Elves 5, 6, 1 wake up the Santa
Santa answers the question posted by elves 5, 6, 1
          Elves 5, 6, 1 return to work
          Elf 3 has a problem
          Elves 4, 7, 3 wake up the Santa
Santa answers the question posted by elves 4, 7, 3
          Elves 4, 7, 3 return to work
          Elf 2 has a problem
     Reindeer 8 returns
     Reindeer 3 returns
     Reindeer 6 returns
     Reindeer 9 returns
          Elf 5 has a problem
     Reindeer 2 returns
     Reindeer 4 returns
          Elf 1 has a problem
          Elves 2, 5, 1 wake up the Santa
Santa answers the question posted by elves 2, 5, 1
          Elves 2, 5, 1 return to work
          Elf 4 has a problem
          Elf 7 has a problem
     Reindeer 1 returns
     Reindeer 5 returns
          Elf 6 has a problem
          Elves 4, 7, 6 wake up the Santa
Santa answers the question posted by elves 4, 7, 6
          Elves 4, 7, 6 return to work
     Reindeer 7 returns
     The last reindeer 7 wakes up Santa
          Elf 3 has a problem
          Elf 4 has a problem
Santa is preparing the sleigh
The team flies off (6)!
          Elf 1 has a problem
```

```
Elves 3, 4, 1 wake up the Santa
Santa answers the question posted by elves 3, 4, 1
          Elves 3, 4, 1 return to work
          Elf 2 has a problem
          Elf 7 has a problem
          Elf 5 has a problem
          Elves 2, 7, 5 wake up the Santa
Santa answers the question posted by elves 2, 7, 5
          Elves 2, 7, 5 return to work
          Elf 6 has a problem
     Reindeer 6 returns
     Reindeer 1 returns
     Reindeer 5 returns
          Elf 4 has a problem
     Reindeer 3 returns
     Reindeer 4 returns
     Reindeer 8 returns
          Elf 1 has a problem
          Elves 6, 4, 1 wake up the Santa
     Reindeer 7 returns
          Elf 5 has a problem
          Elf 7 has a problem
     Reindeer 9 returns
Santa answers the question posted by elves 6, 4, 1
          Elves 6, 4, 1 return to work
     Reindeer 2 returns
          Elf 3 has a problem
          Elf 2 has a problem
     The last reindeer 2 wakes up Santa
          Elf 6 has a problem
Santa is preparing the sleigh
The team flies off (7)!
          Elf 1 has a problem
          Elf 4 has a problem
     Reindeer 5 returns
          Elves 5, 7, 3 wake up the Santa
Santa answers the question posted by elves 5, 7, 3
          Elves 5, 7, 3 return to work
     Reindeer 8 returns
     Reindeer 6 returns
     Reindeer 1 returns
     Reindeer 3 returns
     Reindeer 7 returns
     Reindeer 2 returns
     Reindeer 4 returns
     Reindeer 9 returns
     The last reindeer 9 wakes up Santa
          Elf 7 has a problem
          Elf 3 has a problem
          Elf 5 has a problem
```

Santa is preparing the sleigh The team flies off (8)! After (8) deliveries, Santa retires and is on vacation!