

# Homework 3 - Exercises

Mikael Tulldahl, 901007  
Björn Nilsson, 880302

Thursday 30<sup>th</sup> April, 2015

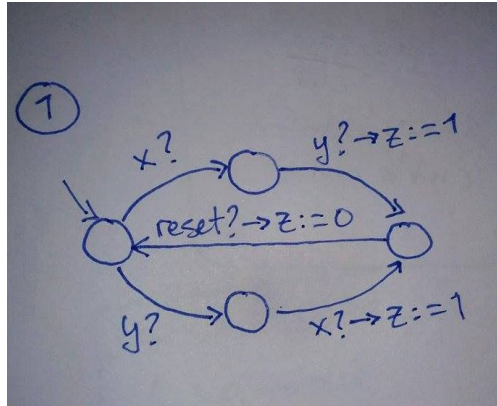


Figure 1: Exercise 2.3

②

```

int cnt := 1; bool roundOne := 1; real sum := 0
if (¬clock?) then
  if (roundOne?) then
    y := 0 / cnt;
    roundOne := 0;
  else if (¬roundOne?) then
    y := sum / cnt;
    sum := sum + x;
    count := count + 1;
  }
else if (clock?)
  y := sum / cnt;
  cnt := 1;
  sum := 0;
}
  
```

Figure 2: Exercise 2.14

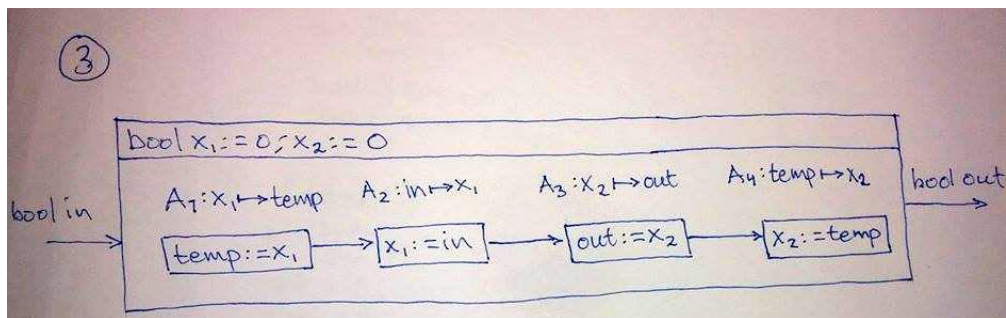


Figure 3: Exercise 2.16

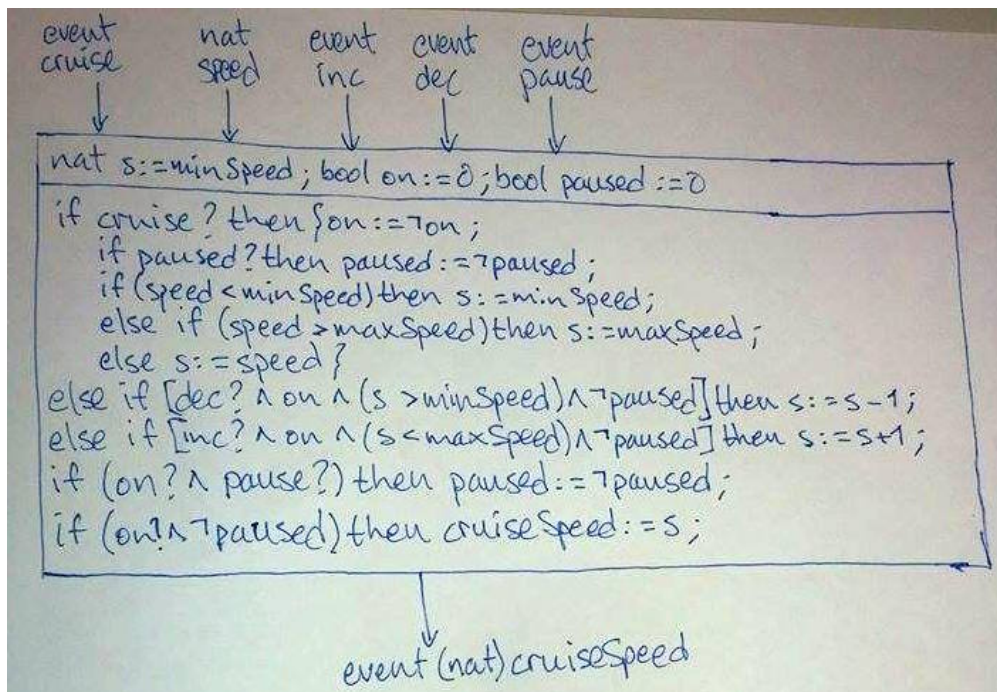


Figure 4: Exercise 2.21