1. Become a "Nylon Racing" machine! **A game needs a strong theme to become popular.** Everybody likes to drive fast. Only those with true skill can handle the curves at this minute scale.

2. The road bends sharply. Can you keep up? Being a good driver requires fast reflexes. **Every good game maintains a high level of tension.**

3. It swivels! "Nylon Racing" can be unpredictable. Keep your eyes on the road. You never know what to expect from a truly great video game.

4. Don't be a road hog. There are other drivers on the road. **Strong opponents are important for inspiring heroism in players.**

5. Watch out. High speed driving can be dangerous! **Not all great video games are violent, but danger is a proven way to raise the blood pressure of players.**

---

RACER

This is the next device in a series of nylon measuring instruments. A nylon push sensor is embedded in the sole of a standard shoe. When this switch is activated, Nylon counts one step. **By pacing one can record distances on Nylon.**

```c
// nylon 009
// 4.17.2002
// PACER

// declare variables
int in;
int x;
int y;
int count;

// counting function
void advance()
{
    line (0,y,x,y);
    if (x>9)
    {
        y++;
x=0;
    }
    else
    {
        x++;
    }
}

// sensor loop
while (true)
{
in=@1;
if (in==0)
{
    count++;
    advance();
}
else
{
    stroke(0);
    point (x,y);
pause(20);
    stroke(1);
    point (x,y);
}
pause(100);
}
```