

```
1  /* File: dizzyBot.ch */
2
3  #include <linkbot.h>
4
5  int main() {
6      CLinkbotI bot;
7      double speeds[] = {20.0, 40.0, 80.0, 100.0, 120.0};
8      double speed1, speed2;
9      int i=1;
10
11     while(i<10) {
12         speed1 = speeds[randint(0, 4)];
13         speed2 = speeds[randint(0, 4)];
14         bot.setJointSpeeds(speed1, NaN, speed2);
15         bot.driveTime(2);
16         i = i+1;
17     }
18
19 }
20
```