position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

position(110.000000,110.000000)
position(0.000000,0.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)

gateOpen
gateOpen

position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)
position(0.000000,0.000000)
position(110.000000,110.000000)

position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)
position(110.000000,110.000000)
position(90.000000,90.000000)

closeGate

gateClosed

gateClosed

setSignals({theSensor:111,theSensor:112,theSensor:113},green)

settingDone({theSensor:111,theSensor:112,theSensor:113},green)

trainSignal(green)

trainSignal(green)

position(110.000000,110.000000)

position(90.000000,90.000000)

position(0.000000,0.000000)

position(110.000000,110.000000)

position(110.000000,110.000000)

position(90.000000,90.000000)

position(0.000000,0.000000)

position(110.000000,110.000000)

position(110.000000,110.000000)

position(90.000000,90.000000)

position(0.000000,0.000000)

position(110.000000,110.000000)

position(110.000000,110.000000)

position(90.000000,90.000000)

position(0.000000,0.000000)

position(110.000000,110.000000)

position(90.000000,90.000000)

position(110.000000,125.000000)

position(0.000000,15.000000)

position(90.000000,90.000000)

position(15.000000,45.000000)

position(125.000000,155.000000)

position(125.000000,155.000000)

position(90.000000,105.000000)

position(45.000000,90.000000)
position(155.000000,200.000000)
position(155.000000,200.000000)
position(105.000000,135.000000)
position(90.000000,150.000000)
position(200.000000,260.000000)
position(200.000000,260.000000)
position(135.000000,180.000000)
position(150.000000,225.000000)
position(260.000000,335.000000)
position(260.000000,335.000000)
position(180.000000,240.000000)
position(335.000000,425.000000)
position(225.000000,315.000000)
position(335.000000,425.000000)
position(240.000000,315.000000)
position(315.000000,415.000000)
position(425.000000,525.000000)
position(425.000000,525.000000)
position(315.000000,405.000000)
position(415.000000,515.000000)
position(525.000000,625.000000)
position(525.000000,625.000000)
position(405.000000,505.000000)
position(515.000000,615.000000)
position(625.000000,725.000000)
position(625.000000,725.000000)

detectApproaching(theSensor:111)
detectApproaching(theSensor:111)
detectApproaching(theSensor:112)
detectApproaching(theSensor:112)
detectApproaching(theSensor:111)
detectApproaching(theSensor:111)

t1(theSensor:111)
trainApproaching(theSensor:111)
t1(theSensor:112)
trainApproaching(theSensor:112)
t1(theSensor:111)
trainApproaching(theSensor:111)

position(505.000000,605.000000)
position(725.000000,825.000000)
position(615.000000,715.000000)
position(725.000000,825.000000)
position(715.000000,815.000000)
position(825.000000,925.000000)
position(605.000000,705.000000)
position(825.000000,925.000000)
position(705.000000,805.000000)
position(815.000000,915.000000)
position(925.000000,1025.000000)
position(925.000000,1025.000000)
position(805.000000,905.000000)
position(915.000000,1015.000000)
position(1025.000000,1125.000000)
position(1025.000000,1125.000000)
position(905.000000,1005.000000)
position(1015.000000,1115.000000)
position(1125.000000,1225.000000)
position(1125.000000,1225.000000)
position(1005.000000,1105.000000)
position(1115.000000,1215.000000)
position(1225.000000,1325.000000)
position(1225.000000,1325.000000)
inSight(theSensor:111,aTrain:115)
trainSignal(green)
position(1105.000000,1205.000000)
position(1325.000000,1425.000000)
position(1215.000000,1315.000000)
position(1325.000000,1425.000000)
inSight(theSensor:112,(none-existing))
position(1205.000000,1305.000000)
inSight(theSensor:111,(none-existing))

position(1315.000000,1415.000000)
position(1425.000000,1525.000000)
position(1425.000000,1525.000000)
position(1305.000000,1405.000000)

position(1415.000000,1515.000000)
position(1525.000000,1625.000000)
position(1405.000000,1505.000000)
position(1525.000000,1625.000000)

position(1515.000000,1615.000000)
position(1625.000000,1725.000000)
position(1505.000000,1605.000000)
position(1625.000000,1725.000000)

position(1615.000000,1715.000000)
position(1725.000000,1825.000000)
position(1605.000000,1705.000000)
position(1725.000000,1825.000000)

position(1715.000000,1815.000000)
position(1825.000000,1925.000000)
position(1705.000000,1805.000000)
position(1825.000000,1925.000000)

position(1815.000000,1915.000000)
position(1925.000000,2025.000000)
position(1805.000000,1905.000000)
position(1925.000000,2025.000000)

position(1915.000000,2015.000000)
position(2025.000000,2125.000000)
position(1905.000000,2005.000000)
position(2025.000000,2125.000000)

detectLeaving(theSensor:111)
detectLeaving(theSensor:111)

detectLeaving(theSensor:112)
detectLeaving(theSensor:112)
detectLeaving(theSensor:111)
detectLeaving(theSensor:111)

t2(theSensor:111)
trainLeaving(theSensor:111)
leaving

t2:(theSensor:112)
trainLeaving(theSensor:112)
t2(theSensor:111)
leaving
trainLeaving(theSensor:111)
leaving

position(2015.000000,2115.000000)
position(2125.000000,2225.000000)
position(2005.000000,2105.000000)
position(2125.000000,2225.000000)

position(2115.000000,2215.000000)
position(2225.000000,2325.000000)
position(2105.000000,2205.000000)
position(2225.000000,2325.000000)

position(2215.000000,2315.000000)
position(2325.000000,2425.000000)
position(2205.000000,2305.000000)
position(2325.000000,2425.000000)

position(2315.000000,2415.000000)
position(2425.000000,2525.000000)
position(2305.000000,2405.000000)
position(2425.000000,2525.000000)

position(2415.000000,2515.000000)
position(2405.000000,2505.000000)