**Concurrent and Distributed Computing  
Assignment 1**

**Solution 1**Part (a) – Solution for Train Track problem using **<await (B) S;>** statements  
/\* Assumptions made: Assume that trains only travel on their own respective track e.g. A Trains follow /\* A track from start to end and the same for B Trains, except for the cross roads where the tracks  
/\* overlap. No train should transition from one track to another, e.g. A Trains can’t start on track A and  
/\* finish on Track B etc  
/\* Global Invariant (aTrainsOnTrack <= 4 AND bTrainsOnTrack <=4)   
 AND (aTrainsUsingCrossRoad <=1 OR bTrainsUsingCrossRoad <=1)

**Process** Main {  
 // declare global variables//  
 **Const** num\_Of\_A\_Trains = 20;  
 **Const** num\_Of\_B\_Trains = 20;  
 **int** aTrainsUsingCrossRoad = 0;  
 **int** bTrainsUsingCrossRoad = 0;  
 **int** aTrainsOnTrack = 4; **int** bTrainsOnTrack = 4;  
  
 /\*Train track slots\*/  
 **String** slots[0…22] = {"[..]","[..]","[..]","[..]", "[..]","[..]","[..]","[..]","[..]","[..]","[..]","[..]", "[..]","[..]","[..]","[..]","[..]","[..]","[..]","[..]", "[..]","[..]"};  
   
 /\*create and start the trains for each track\*/  
 **for** (count = 1  **to** num\_Of\_A\_Trains){  
 aTrain(“TrainA:” + count);  
 aTrain().start;  
 }  
  
 **for** (count = 1  **to** num\_Of\_B\_Trains){  
 bTrain(“TrainB:” + count);  
 bTrain().start;  
 }

} //End of Main Process  
  
/\*Train A Processes\*/  
**Process** TrainAProcesses (String name) {

//Limit the total number of A Trains on track a to 4  
 <**await** (aTrainsOnTrack < 4) aTrainsOnTrack++>  
 //wait for slot 0 to be empty before moving//  
 <**await** (slot [0] == “[..]”) slot [0] = “[” + name +“]”;>  
 **int** currentPos = 0;  
 //move trains up to the crossroads//  
 **do**{  
 <**await** (slot [currentPos +1] == “[..]”) slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”; >  
 currentPos++;  
 }**while**(currentPos < 3);  
  
  
//Move trains onto and across crossroads  
 <**await** (bTrainsUsingCrossRoad == 0) aTrainsUsingCrossRoad++;>  
 **int** currentPos = 3; **do**{  
 <**await** (slot [currentPos +1] == “[..]”) slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”; >  
 currentPos++;  
 }**while**(currentPos < 9);  
 aTrainsUsingCrossRoad--;

//Move trains off crossroads//  
 **int** currentPos = 9; **do**{  
 <**await** (slot [currentPos +1] == “[..]”) slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”; >  
 currentPos++;  
 }**while**(currentPos < 11);  
  
 //Move TrainA off of the track  
 <slot [11] = “[..]”;>  
 <aTrainsOnTrack--;>

}

/\*Train B Processes\*/  
**Process** TrainBProcesses (String name) {

//Limit the total number of B Trains on track a to 4  
 <**await** (bTrainsOnTrack < 4) bTrainsOnTrack++>  
 //wait for slot 12 to be empty before moving//  
 <**await** (slot [12] == “[..]”) slot [12] = “[” + name +“]”;>  
 **int** currentPos = 12;  
 //move trains up to the crossroads//  
 **do**{  
 <**await** (slot [currentPos +1] == “[..]”) slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”; >  
 currentPos++;  
 }**while**(currentPos < 15);  
  
 //move trains across crossroads  
 <**await** (aTrainsUsingCrossRoad == 0) bTrainsUsingCrossRoad++;>  
 <**await** (slot [7] == “[..]”) slot [7] = slot [15]; slot [15] =”[..]”; >  
 <**await** (slot [16] == “[..]”) slot [16] = slot [7]; slot [7] =”[..]”; >  
 <**await** (slot [17] == “[..]”) slot [17] = slot [16]; slot [16] = ”[..]”; >  
 <**await** (slot [4] == “[..]”) slot [4] = slot [17]; slot [17] = ”[..]”; >  
 <**await** (slot [18] == “[..]”) slot [18] = slot [4]; slot [4] = ”[..]”; >  
 <**await** (slot [19] == “[..]”) slot [19] = slot [18]; slot [18] = ”[..]”; >  
 <bTrainsUsingCrossRoad--;>

//Move trains off crossroads//  
 **int** currentPos = 19; **do**{  
 <**await** (slot [currentPos +1] == “[..]”) slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”; >  
 currentPos++;  
 }**while**(currentPos < 21);  
  
 //Move TrainB off of the track  
 <slot [21] = “[..]”;>  
 <bTrainsOnTrack--;>

}  
  
**Solution 2**Part (b) – Solution for Train Track problem using **Semaphores**  
/\* Assumptions made: Assume that trains only travel on their own respective track e.g. A Trains follow /\* A track from start to end and the same for B Trains, except for the cross roads where the tracks  
/\* overlap. No train should transition from one track to another, e.g. A Trains can’t start on track A and  
/\* finish on Track B etc  
/\* Global Invariant ((aTrainsOnTrack <= 4) AND (bTrainsOnTrack <=4)   
 AND (aTrainsUsingCrossRoad <=1)OR (bTrainsUsingCrossRoad <=1))  
  
**Process** Main {  
 // declare global variables//  
 **Const** num\_Of\_A\_Trains = 20;  
 **Const** num\_Of\_B\_Trains = 20;  
 **Atomic Integer** aTrainsUsingCrossRoad = 0; global variable so only 1 train on crossroad  
 **Atomic Integer** bTrainsUsingCrossRoad = 0;  
 **sem** aTrainsOnTrackSem = 4; //limit the number of trains on the track to 4 each **sem** bTrainsOnTrackSem = 4;  
  
 /\*Train track slots\*/  
 **String** slots[0…22] = {"[..]","[..]","[..]","[..]", "[..]","[..]","[..]","[..]","[..]","[..]","[..]","[..]", "[..]","[..]","[..]","[..]","[..]","[..]","[..]","[..]", "[..]","[..]"};//declare track semaphore that controls each train slot **sem** slotSem = [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1];  
  
 //Gives mutual exclusion to either A or B train so only one train is allowed across crossroads at a time  
 **sem** aMutexSem = 1;  
 **sem** bMutexSem = 1;  
 **sem** crossRoadLock = 1;  
   
 /\*create and start the trains for each track\*/  
 **for** (count = 1  **to** num\_Of\_A\_Trains){  
 aTrain(“TrainA:” + count);  
 aTrain().start;  
 }  
  
 **for** (count = 1  **to** num\_Of\_B\_Trains){  
 bTrain(“TrainB:” + count);  
 bTrain().start;  
 }

} //End of Main Process  
  
/\*Train A Processes\*/  
**Process** TrainAProcesses (String name) {

//Limit the total number of A Trains on track a to 4  
 **P**(aTrainsOnTrackSem);  
 //wait for slot 0 to be empty before moving//  
 **P**(slotSem[0]) slot [0] = “[” + name +“]”;  
 **int** currentPos = 0;  
 //move trains up to the crossroads//  
 **do**{  
 **P**(slotSem [currentPos +1]); //wait for positions ahead to be free  
 slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”;   
 **V**(slotSem [currentPos]); //signal that slot is now free  
 currentPos++;  
 }**while**(currentPos < 3);  
  
//Move trains onto and across crossroads  
 **P**(aMutexSem); //gain mutual exclusion to crossroad  
 aTrainsOnCrossRoad++; //increment atomic integer  
 **if** (aTrainsOnCrossRoad == 1) **P**(crossRoadLock); //lock crossroads  
 **V**(aMutexSem);  
  
 **int** currentPos = 3; **do**{  
 **P**(slotSem [currentPos +1]);  
 slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”;   
 **V**(slotSem [currentPos]);  
 currentPos++;  
 }**while**(currentPos < 9);

**P**(aMutexSem); //gain mutual exclusion to crossroad  
 aTrainsOnCrossRoad--; //decrement atomic integer  
 **if** (aTrainsOnCrossRoad ==0) **V**(crossRoadLock); //release crossroads lock  
 **V**(aMutexSem);

//Move trains off Track//  
 **int** currentPos = 9; **do**{  
 **P**(slotSem [currentPos +1]);  
 slot [currentPos +1] = slot[currentPos];  
 slot [currentPos] = “[..]”;  
 **V**(slotSem [currentPos]);  
 currentPos++;  
 }**while**(currentPos < 11);  
  
 <slot [11] = “[..]”;>  
 **V**(slotSem [11]);  
 **V**(aTrainsOnTrackSem);

} //End of ATrains Process

/\*Train B Processes\*/  
**Process** TrainBProcesses (String name) {

//Limit the total number of B Trains on track a to 4  
 **P**(bTrainsOnTrackSem);  
 //wait for slot 12 to be empty before moving//  
 **P**(slotSem[12]) slot [12] = “[” + name +“]”;  
 **int** currentPos = 12;  
 //move trains up to the crossroads//  
 **do**{  
 **P**(slotSem [currentPos +1]); //wait for positions ahead to be free  
 slot [currentPos +1] = slot [currentPos];  
 slot [currentPos] = “[..]”;   
 **V**(slotSem [currentPos]); //signal that slot is now free  
 currentPos++;  
 }**while**(currentPos < 15);  
  
//Move trains onto and across crossroads  
 **P**(bMutexSem); //gain mutual exclusion to crossroad  
 bTrainsOnCrossRoad++; //increment atomic integer  
 **if** (bTrainsOnCrossRoad == 1) **P**(crossRoadLock); //lock crossroads  
 **V**(bMutexSem);  
  
 **P**(slotSem [7]); //wait for slot ahead to be free  
 slot [7] = slot [15]; //train moves to next slot  
 slot [15] = “[..]”; //last slot is empty  
 **V**(slotSem [15]); //release previous slot semaphore  
  
 **P**(slotSem [16]);  
 slot [16] = slot [7];  
 slot [7] = “[..]”;   
 **V**(slotSem [7]);  
  
 **P**(slotSem [17]);  
 slot [17] = slot [16];  
 slot [16] = “[..]”;   
 **V**(slotSem [16]);  
  
 **P**(slotSem [4]);  
 slot [4] = slot [17];  
 slot [17] = “[..]”;   
 **V**(slotSem [17]);  
  
 **P**(slotSem [18]);  
 slot [18] = slot [4];  
 slot [4] = “[..]”;   
 **V**(slotSem [4]);

**P**(slotSem [19]);  
 slot [19] = slot [18];  
 slot [18] = “[..]”;   
 **V**(slotSem [18]);  
  
 **P**(bMutexSem); //gain mutual exclusion to crossroad  
 bTrainsOnCrossRoad--; //decrement atomic integer  
 **if** (bTrainsOnCrossRoad ==0) **V**(crossRoadLock); //release crossroads lock  
 **V**(bMutexSem);

//Move trains off Track//  
 **int** currentPos = 19; **do**{  
 **P**(slotSem [currentPos +1]);  
 slot [currentPos +1] = slot[currentPos];  
 slot [currentPos] = “[..]”;  
 **V**(slotSem [currentPos]);  
 currentPos++;  
 }**while**(currentPos < 21);  
  
 <slot [21] = “[..]”;>  
 **V**(slotSem [21]);  
 **V**(bTrainsOnTrackSem);

} //End of BTrain Process

**Solution 3**Part (c) – Solution for Train Track problem written in Java using **Semaphores**  
public class Assignment1 {

//maximum number of each train allowed on their respective track  
 static final int num\_Of\_A\_Trains = 20;  
 static final int num\_Of\_B\_Trains = 20;

//Train Track class  
 static TrainTrack trainTrack;

public static void main(String[] args) {

//Create Track  
 trainTrack = new TrainTrack();   
 System.out.println("Started.");

//Creating Trains array  
 TrainA[] aTrains = new TrainA[num\_Of\_A\_Trains];  
 TrainB[] bTrains = new TrainB[num\_Of\_B\_Trains];

//Loop and create each Train A object and add them into their array  
 for(int i=0; i<num\_Of\_A\_Trains; i++){  
 aTrains[i] = new TrainA("A"+i, trainTrack);  
 }

//Loop and create each Train B object and add them into their array  
 for(int i=0; i<num\_Of\_B\_Trains; i++){  
 bTrains[i]= new TrainB("B"+i, trainTrack);  
 }

//Run all of the Train A objects  
 for(int i =0; i<num\_Of\_A\_Trains; i++){  
 aTrains[i].start();  
 bTrains[i].start();   
 }   
 System.out.println("Trains Started");

//Adding all of the train activities to the output string  
 for(int i=0; I < num\_Of\_A\_Trains; i++){  
 try{  
 aTrains[i].join();  
 }catch(InterruptedException ex){}  
 }

for(int i=0; i<num\_Of\_B\_Trains; i++){  
 try{  
 bTrains[i].join();  
 }catch(InterruptedException ex){}  
 }

//Print all of the train's activities  
 trainTrack.trainActivity.printActivities();   
 System.out.println("All Trains have navigated the track Successfully");  
 }   
}

import java.util.concurrent.atomic.\*;

public class TrainTrack {

private final String[] slots = {"[..]","[..]","[..]","[..]",

"[..]","[..]","[..]","[..]",

"[..]","[..]","[..]","[..]",

"[..]","[..]","[..]","[..]",

"[..]","[..]","[..]","[..]",

"[..]","[..]"};

//Array to hold Binary semaphores for each track section  
 private final MageeSemaphore slotSem[] = new MageeSemaphore[22];   
   
 //Reference to Train activities  
 Activity trainActivity;

//Maximum Trains allowed on track at any one time  
 MageeSemaphore maxTrainA;   
 MageeSemaphore maxTrainB;   
  
 //A global count of how many trains are on the shared track at one time  
 AtomicInteger aUsingCrossRoad;  
 AtomicInteger bUsingCrossRoad;

//Semaphores that allow mututal exclusion, Only one train moving at a time  
 private final MageeSemaphore aMutexSem;   
 private final MageeSemaphore bMutexSem;

MageeSemaphore sharedCrossRoadLock;

public TrainTrack(){

//Instantiate a new Activity class  
 trainActivity = new Activity(slots);

//creating an Array of slotSemaphores and set them all to empty.  
 for(int i=0; i<=21; i++){  
 slotSem[i] = new MageeSemaphore(1);  
 }  
  
 aMutexSem = new MageeSemaphore(1);  
 bMutexSem = new MageeSemaphore(1);

//Allow maximum on 3 trains on a track at one time  
 maxTrainA = new MageeSemaphore(3);  
 maxTrainB = new MageeSemaphore(3);

//creating global counts of trains using shared track  
 aUsingCrossRoad = new AtomicInteger(0);  
 bUsingCrossRoad = new AtomicInteger(0);

//shared track is initially set to free  
 sharedCrossRoadLock = new MageeSemaphore(1);  
 }

public void MoveTrainA\_ToTrack(String trainName){

CDS.idle((int)(Math.random() \* 100)); //Delay to offset concurrency  
 maxTrainA.P(); //Acquire access to track  
 trainActivity.addMessage("Train " + trainName + " is setting off");  
 slotSem[0].P(); //Wait for the first slot to be free  
 slots[0] = "[" + trainName + "]"; //Move train to first slot  
 trainActivity.addMovedTo(0); //Record activity  
 }

public void MoveTrainA\_ToCrossRoad(String trainName) {

CDS.idle((int) (Math.random() \* 100));  
 int currentPos = 0;  
 do {   
 slotSem[currentPos + 1].P(); //check next slot is free  
 slots[currentPos + 1] = slots[currentPos]; //train moves to next slot  
 slots[currentPos] = "[..]"; //last slot is now empty  
 trainActivity.addMovedTo(currentPos + 1); //record train has moved to next slot  
 slotSem[currentPos].V(); //free up semaphore for previous slot  
 currentPos++; //increment position  
 } while (currentPos < 3); //\*repeat for the next 3 track slots\*   
 }

public void MoveTrainA\_AlongCrossRoad(String trainName) {

trainActivity.addMessage("Train " + trainName + " is approaching crossroads");  
 aMutexSem.P(); // obtain mutually exclusive access to global variable aUsingCrossRoad

if (aUsingCrossRoad.incrementAndGet() == 1){ // if first A train is approaching crossroad   
 sharedCrossRoadLock.P(); // grab lock to crossroad  
 }  
 aMutexSem.V();

int currentPos = 3;   
 do {   
 slotSem[currentPos + 1].P(); // wait for the slot ahead to be free  
 slots[currentPos + 1] = slots[currentPos]; // move train forward  
 slots[currentPos] = "[..]"; //clear the slot the train vacated  
 trainActivity.addMovedTo(currentPos + 1); //record the train activity  
 slotSem[currentPos].V(); //signal slot you are leaving   
 currentPos++;  
 } while (currentPos < 9);

aMutexSem.P(); // obtain mutually exclusive access to global variable aUsingCrossRoad

if (aUsingCrossRoad.decrementAndGet() == 0){ // if last A train leaving shared track  
 sharedCrossRoadLock.V(); // release lock to shared track  
 }  
 aMutexSem.V(); // release mutually exclusive access to global variable UsingCrossRoad   
 }

public void MoveTrainA\_OffTrack(String trainName) {

CDS.idle((int) (Math.random() \* 10));  
 int currentPos = 9  
 do {  
 slotSem[currentPos + 1].P(); //wait for the slot ahead to be free  
 slots[currentPos + 1] = slots[currentPos]; //train moves to next slot  
 slots[currentPos] = "[..]"; //previous slot is now empty  
 trainActivity.addMovedTo(currentPos + 1); //record the activity  
 slotSem[currentPos].V(); //release previous slot semaphore   
 currentPos++; //increment current position  
 } while (currentPos < 11); //repeat up to slot 11

slots[11] = "[..]"; //last slot is now empty   
 slotSem[11].V(); //release previous slot semaphore  
 trainActivity.addMessage("Train " + trainName + " reached it's destination");  
 maxTrainA.V(); //allow another train to enter the track  
 }

public void MoveTrainB\_ToTrack(String trainName){

CDS.idle((int)(Math.random() \* 100));  
 maxTrainB.P(); //Acquire Access to track  
 trainActivity.addMessage("Train " + trainName + " is setting off");  
 slotSem[12].P(); //Wait for the first slot to be free  
 slots[12] = "[" + trainName + "]"; //Move train to next slot  
 trainActivity.addMovedTo(12); //Record activity   
 }

public void MoveTrainB\_ToCrossRoad(String trainName) {

CDS.idle((int) (Math.random() \* 100));  
 int currentPos = 12;

do {   
 slotSem[currentPos + 1].P(); // wait for the slot ahead to be free  
 slots[currentPos + 1] = slots[currentPos]; // move train forward  
 slots[currentPos] = "[..]"; //clear the slot the train vacated  
 trainActivity.addMovedTo(currentPos + 1); //record the train activity  
 slotSem[currentPos].V(); //signal slot you are leaving   
 currentPos++;  
 } while (currentPos < 15);  
 CDS.idle((int) (Math.random() \* 100));  
 }

public void MoveTrainB\_AlongCrossRoad(String trainName) {   
  
 trainActivity.addMessage("Train " + trainName + " is approaching crossroads");  
 CDS.idle((int) (Math.random() \* 10));

bMutexSem.P();   
 if (bUsingCrossRoad.incrementAndGet() == 1){  
 sharedCrossRoadLock.P();   
 }  
 bMutexSem.V();

CDS.idle((int) (Math.random() \* 10));  
 slotSem[7].P();  
 slots[7] = slots[15];  
 slots[15] = "[..]";  
 slotSem[15].V();   
 trainActivity.addMovedTo(7);

CDS.idle((int) (Math.random() \* 10));  
 slotSem[16].P();  
 slots[16] = slots[7];  
 slots[7] = "[..]";  
 slotSem[7].V();   
 trainActivity.addMovedTo(16);

slotSem[17].P();  
 slots[17] = slots[16];  
 slots[16] = "[..]";  
 slotSem[16].V();   
 trainActivity.addMovedTo(17);

CDS.idle((int) (Math.random() \* 10));

slotSem[4].P();  
 slots[4] = slots[17];  
 slots[17] = "[..]";  
 slotSem[17].V();   
 trainActivity.addMovedTo(4);   
   
 slotSem[18].P();  
 slots[18] = slots[4];  
 slots[4] = "[..]";  
 slotSem[4].V();   
 trainActivity.addMovedTo(18);

slotSem[19].P();  
 slots[19] = slots[18];  
 slots[18] = "[..]";  
 slotSem[18].V();   
 trainActivity.addMovedTo(19);

bMutexSem.P();   
 if (bUsingCrossRoad.decrementAndGet() == 0){  
 sharedCrossRoadLock.V();   
 }  
 bMutexSem.V();   
 }

public void MoveTrainB\_OffTrack(String trainName) {  
  
 CDS.idle((int) (Math.random() \* 100));   
 int currentPos = 19;

do {  
 slotSem[currentPos + 1].P();   
 slots[currentPos + 1] = slots[currentPos];   
 slots[currentPos] = "[..]";   
 trainActivity.addMovedTo(currentPos + 1);   
 slotSem[currentPos].V();   
 currentPos++;  
 } while (currentPos < 21);

trainActivity.addMessage("Train " + trainName + " reached it's destination");  
 slots[21] = "[..]";   
 slotSem[21].V();  
 maxTrainB.V();   
 }   
}

public class TrainA extends Thread{

//This is uused to represent a train on Track A   
 String trainName;  
 TrainTrack track;

public TrainA(String trainName, TrainTrack track){  
 this.trainName = trainName;  
 this.track = track;   
 }

public void run(){ //Start Train A   
 track.MoveTrainA\_ToTrack(trainName);  
 track.MoveTrainA\_ToCrossRoad(trainName);  
 track.MoveTrainA\_AlongCrossRoad(trainName);  
 track.MoveTrainA\_OffTrack(trainName);  
 }  
}

public class TrainB extends Thread{  
 //This is used to represent a train on Track B   
 String trainName;  
 TrainTrack track;

public TrainB(String trainName, TrainTrack track){  
 this.trainName = trainName;  
 this.track = track;  
 }

public void run(){ //Start Train B  
 track.MoveTrainB\_ToTrack(trainName);  
 track.MoveTrainB\_ToCrossRoad(trainName);  
 track.MoveTrainB\_AlongCrossRoad(trainName);  
 track.MoveTrainB\_OffTrack(trainName);  
 }  
}

public class Activity {

private final CopyOnWriteArrayList<String> theActivities;  
 private final String[] trainTrack;

// Constructor for objects of class Activity  
 // A reference to the track is passed as a parameter  
 public Activity(String[] trainTrack) {  
 theActivities = new CopyOnWriteArrayList<>();  
 this.trainTrack = trainTrack;  
 }

public void addMovedTo(int section) {  
 // add an activity message to the activity history  
 String tempString1 = "Train " + trainTrack[section] + " moved to slot[" + section + "]";  
 theActivities.add(tempString1);  
 // add the current state of the track to the activity history  
 theActivities.add(trackString());  
 }// end addMovedTo

public void addMessage(String message) {  
 // add an activity message to the activity history  
 String tempString1 = message;  
 theActivities.add(tempString1);  
 }// end addMessage

public void printActivities() {  
 // print all the train activity history   
 System.out.println("TRAIN TRACK ACTIVITY(Tracks [0..21])");  
 Iterator<String> iterator = theActivities.iterator();  
 while (iterator.hasNext()) {  
 System.out.println(iterator.next());  
 }  
 }// end printActivities // Utility method to represent the track as a string for printing/display

public String trackString() {

String trackStateAsString = "[XX]" + trainTrack[0] + trainTrack[1] + trainTrack[2] + "[XX]" + "\n"

+ trainTrack[11] + " " + " " + " " + trainTrack[3] + "\n"

+ trainTrack[10] + " " + "[XX]" + trainTrack[17] + trainTrack[4] + trainTrack[18] + "[XX]" + "\n"

+ trainTrack[9] + " " + trainTrack[16] + " " + trainTrack[5] + " " + trainTrack[19] + "\n"

+ "[XX]" + trainTrack[8] + trainTrack[7] + trainTrack[6] + "[XX]" + " " + trainTrack[20] + "\n"

+ " " + " " + trainTrack[15] + " " + " " + " " + trainTrack[21] + "\n"

+ " " + " " + "[XX]" + trainTrack[14] + trainTrack[13] + trainTrack[12] + "[XX]" + "\n";

return (trackStateAsString);  
 }// end trackString  
}// end Activity  
  
public class CDS {

public static void idle(int millisecs){

Thread mainThread = Thread.currentThread(); ///CDS controls Concurrancy, puts current thread to sleep  
 System.out.println(mainThread.getName() + " About to sleep");   
 try{  
 Thread.sleep(millisecs);   
 }catch(Exception ex){  
 System.out.println(mainThread.getName() + " Woken up");  
 }   
 }//   
}

class MageeSemaphore {

private Semaphore sem;

public MageeSemaphore (int initialCount){  
 sem = new Semaphore(initialCount);  
 } // end constructor

public void P() {  
 try {  
 sem.acquire();  
 } catch (InterruptedException ex) {System.out.println("Interrupted when waiting");}  
 } // end P()

public void V() {  
 sem.release();  
 } // end V()   
} // end MageeSemaphore

Part (c) – Typical test outcome when running with 20 trains of each type

TRAIN TRACK ACTIVITY(Tracks [0..21])

Train A2 is setting off

Train [A2] moved to slot[0]

[XX][A2][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train B17 is setting off

Train [B17] moved to slot[12]

[XX][A2][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train A16 is setting off

Train B11 is setting off

Train B15 is setting off

Train A0 is setting off

Train [A2] moved to slot[1]

[XX][..][A2][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[2]

[XX][..][..][A2][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[3]

Train [A16] moved to slot[0]

[XX][A16][..][..][XX]

[..] [A2]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

[XX][A16][..][..][XX]

[..] [A2]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train A2 is approaching crossroads

Train [A2] moved to slot[4]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][A2][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[5]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A2] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[6]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][A2][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[7]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][A2][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[8]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][A2][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[9]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A2] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[10]

[XX][A16][..][..][XX]

[..] [..]

[A2] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train [A2] moved to slot[11]

[XX][A16][..][..][XX]

[A2] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B17][XX]

Train A2 reached it's destination

Train A3 is setting off

Train [B17] moved to slot[13]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][B17][..][XX]

Train [B17] moved to slot[14]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][B17][..][..][XX]

Train [B17] moved to slot[15]

Train [B11] moved to slot[12]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

[XX][A16][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[1]

[XX][..][A16][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[2]

[XX][..][..][A16][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[3]

[XX][..][..][..][XX]

[..] [A16]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train A16 is approaching crossroads

Train [A0] moved to slot[0]

Train [A16] moved to slot[4]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][A16][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][A16][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[5]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A16] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[6]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][A16][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[7]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][A16][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[8]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][A16][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[9]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A16] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[10]

[XX][A0][..][..][XX]

[..] [..]

[A16] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train [A16] moved to slot[11]

[XX][A0][..][..][XX]

[A16] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][..][B11][XX]

Train A16 reached it's destination

Train A13 is setting off

Train [B11] moved to slot[13]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][..][B11][..][XX]

Train [B11] moved to slot[14]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][B11][..][..][XX]

Train [B15] moved to slot[12]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B17] [..]

[XX][B11][..][B15][XX]

Train B17 is approaching crossroads

Train [B17] moved to slot[7]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[..] [..]

[XX][B11][..][B15][XX]

Train [B11] moved to slot[15]

[XX][A0][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[1]

[XX][..][A0][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[2]

[XX][..][..][A0][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[3]

[XX][..][..][..][XX]

[..] [A0]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[0]

Train A0 is approaching crossroads

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B17][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[16]

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][..][..][..][XX]

[..] [B17] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[17]

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][B17][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[4]

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][..][B17][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[18]

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][..][..][B17][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[19]

[XX][A3][..][..][XX]

[..] [A0]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[4]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][A0][..][XX]

[..] [..] [..] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[5]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A0] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[6]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][..][..][A0][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[7]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][..][A0][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[8]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][A0][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[9]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A0] [..] [..] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[10]

[XX][A3][..][..][XX]

[..] [..]

[A0] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A0] moved to slot[11]

[XX][A3][..][..][XX]

[A0] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B17]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train A0 reached it's destination

Train A5 is setting off

Train [B17] moved to slot[20]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B17]

[B11] [..]

[XX][..][..][B15][XX]

Train [B17] moved to slot[21]

[XX][A3][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [B17]

[XX][..][..][B15][XX]

Train B17 reached it's destination

Train B5 is setting off

Train [A3] moved to slot[1]

[XX][..][A3][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[2]

[XX][..][..][A3][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[3]

[XX][A13][..][..][XX]

[..] [A3]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A13] moved to slot[0]

Train A3 is approaching crossroads

[XX][A13][..][..][XX]

[..] [A3]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[4]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][A3][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[5]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A3] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[6]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][A3][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[7]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][A3][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[8]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][A3][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [A3] moved to slot[9]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A3] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][..][B15][XX]

Train [B15] moved to slot[13]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A3] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][..][B15][..][XX]

Train [B15] moved to slot[14]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A3] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][B15][..][..][XX]

Train [B5] moved to slot[12]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A3] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][B15][..][B5][XX]

Train [A3] moved to slot[10]

[XX][A13][..][..][XX]

[..] [..]

[A3] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][B15][..][B5][XX]

Train [A3] moved to slot[11]

[XX][A13][..][..][XX]

[A3] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B11] [..]

[XX][B15][..][B5][XX]

Train A3 reached it's destination

Train A7 is setting off

Train B11 is approaching crossroads

Train [B11] moved to slot[7]

Train [B15] moved to slot[15]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B11][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B11][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B11] moved to slot[16]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B11] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B11] moved to slot[17]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][B11][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B11] moved to slot[4]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][B11][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B11] moved to slot[18]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][B11][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B11] moved to slot[19]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B11]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][..][B5][XX]

Train [B5] moved to slot[13]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B11]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][..][B5][..][XX]

Train [B5] moved to slot[14]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B11]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][..][..][XX]

Train [B11] moved to slot[20]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B11]

[B15] [..]

[XX][B5][..][..][XX]

Train [B11] moved to slot[21]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [B11]

[XX][B5][..][..][XX]

Train B11 reached it's destination

Train B4 is setting off

Train [B4] moved to slot[12]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][..][B4][XX]

Train [B4] moved to slot[13]

[XX][A13][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[1]

[XX][..][A13][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[2]

[XX][..][..][A13][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[3]

Train [A5] moved to slot[0]

[XX][A5][..][..][XX]

[..] [A13]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

[XX][A5][..][..][XX]

[..] [A13]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train A13 is approaching crossroads

Train [A13] moved to slot[4]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][A13][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[5]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A13] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[6]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][A13][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[7]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][A13][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[8]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][A13][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[9]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A13] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[10]

[XX][A5][..][..][XX]

[..] [..]

[A13] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train [A13] moved to slot[11]

[XX][A5][..][..][XX]

[A13] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B15] [..]

[XX][B5][B4][..][XX]

Train A13 reached it's destination

Train A11 is setting off

Train B15 is approaching crossroads

Train [B15] moved to slot[7]

Train [B5] moved to slot[15]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B15][..][XX] [..]

[B5] [..]

[XX][..][B4][..][XX]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B15][..][XX] [..]

[B5] [..]

[XX][..][B4][..][XX]

Train [B4] moved to slot[14]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B15][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [B15] moved to slot[16]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B15] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [B15] moved to slot[17]

[XX][A5][..][..][XX]

[..] [..]

[..] [XX][B15][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[1]

[XX][..][A5][..][XX]

[..] [..]

[..] [XX][B15][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[2]

[XX][..][..][A5][XX]

[..] [..]

[..] [XX][B15][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A7] moved to slot[0]

Train [A5] moved to slot[3]

[XX][A7][..][..][XX]

[..] [A5]

[..] [XX][B15][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

[XX][A7][..][..][XX]

[..] [A5]

[..] [XX][B15][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train A5 is approaching crossroads

Train [B15] moved to slot[4]

[XX][A7][..][..][XX]

[..] [A5]

[..] [XX][..][B15][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [B15] moved to slot[18]

[XX][A7][..][..][XX]

[..] [A5]

[..] [XX][..][..][B15][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [B15] moved to slot[19]

[XX][A7][..][..][XX]

[..] [A5]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[4]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][A5][..][XX]

[..] [..] [..] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[5]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A5] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[6]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][..][..][A5][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[7]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][..][A5][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[8]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][A5][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[9]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A5] [..] [..] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[10]

[XX][A7][..][..][XX]

[..] [..]

[A5] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train [A5] moved to slot[11]

[XX][A7][..][..][XX]

[A5] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B15]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][..][XX]

Train A5 reached it's destination

Train A15 is setting off

Train B5 is approaching crossroads

Train [B15] moved to slot[20]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B15]

[B5] [..]

[XX][B4][..][..][XX]

Train [B15] moved to slot[21]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [B15]

[XX][B4][..][..][XX]

Train B15 reached it's destination

Train B13 is setting off

Train [B13] moved to slot[12]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B5] [..]

[XX][B4][..][B13][XX]

Train [B5] moved to slot[7]

Train [B4] moved to slot[15]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B5][..][XX] [..]

[B4] [..]

[XX][..][..][B13][XX]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B5][..][XX] [..]

[B4] [..]

[XX][..][..][B13][XX]

Train [B13] moved to slot[13]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B5][..][XX] [..]

[B4] [..]

[XX][..][B13][..][XX]

Train [B13] moved to slot[14]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B5][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[16]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B5] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[17]

[XX][A7][..][..][XX]

[..] [..]

[..] [XX][B5][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[4]

Train [A7] moved to slot[1]

[XX][..][A7][..][XX]

[..] [..]

[..] [XX][..][B5][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

[XX][..][A7][..][XX]

[..] [..]

[..] [XX][..][B5][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[18]

[XX][..][..][A7][XX]

[..] [..]

[..] [XX][..][..][B5][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[2]

[XX][..][..][A7][XX]

[..] [..]

[..] [XX][..][..][B5][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A11] moved to slot[0]

[XX][A11][..][A7][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[19]

[XX][A11][..][A7][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[3]

[XX][A11][..][..][XX]

[..] [A7]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train A7 is approaching crossroads

Train [A7] moved to slot[4]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][A7][..][XX]

[..] [..] [..] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[5]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A7] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[6]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][..][..][A7][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[7]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][..][A7][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[8]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B5]

[XX][A7][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [A7] moved to slot[9]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A7] [..] [..] [B5]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[20]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A7] [..] [..] [..]

[XX][..][..][..][XX] [B5]

[B4] [..]

[XX][B13][..][..][XX]

Train [B5] moved to slot[21]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A7] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [B5]

[XX][B13][..][..][XX]

Train B5 reached it's destination

Train B14 is setting off

Train [B14] moved to slot[12]

[XX][A11][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A7] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A7] moved to slot[10]

[XX][A11][..][..][XX]

[..] [..]

[A7] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A7] moved to slot[11]

[XX][A11][..][..][XX]

[A7] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train A7 reached it's destination

Train A9 is setting off

Train [A11] moved to slot[1]

[XX][..][A11][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[2]

[XX][..][..][A11][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[3]

[XX][..][..][..][XX]

[..] [A11]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A15] moved to slot[0]

Train A11 is approaching crossroads

[XX][A15][..][..][XX]

[..] [A11]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[4]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][A11][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[5]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A11] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[6]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][A11][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[7]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][A11][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[8]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][A11][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train [A11] moved to slot[9]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A11] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B4] [..]

[XX][B13][..][B14][XX]

Train B4 is approaching crossroads

Train [B4] moved to slot[7]

Train [B13] moved to slot[15]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A11] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][..][..][B14][XX]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A11] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][..][..][B14][XX]

Train B13 is approaching crossroads

Train [B14] moved to slot[13]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A11] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][..][B14][..][XX]

Train [B14] moved to slot[14]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A11] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][B14][..][..][XX]

Train [A11] moved to slot[10]

[XX][A15][..][..][XX]

[..] [..]

[A11] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][B14][..][..][XX]

Train [A11] moved to slot[11]

[XX][A15][..][..][XX]

[A11] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B4][..][XX] [..]

[B13] [..]

[XX][B14][..][..][XX]

Train A11 reached it's destination

Train A12 is setting off

Train [B4] moved to slot[16]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B4] [..] [..]

[XX][..][..][..][XX] [..]

[B13] [..]

[XX][B14][..][..][XX]

Train [B4] moved to slot[17]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][B4][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B13] [..]

[XX][B14][..][..][XX]

Train [B13] moved to slot[7]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][B4][..][..][XX]

[..] [..] [..] [..]

[XX][..][B13][..][XX] [..]

[..] [..]

[XX][B14][..][..][XX]

Train [B14] moved to slot[15]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][B4][..][..][XX]

[..] [..] [..] [..]

[XX][..][B13][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B4] moved to slot[4]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][B4][..][XX]

[..] [..] [..] [..]

[XX][..][B13][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B4] moved to slot[18]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][B4][XX]

[..] [..] [..] [..]

[XX][..][B13][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B4] moved to slot[19]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B4]

[XX][..][B13][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B13] moved to slot[16]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B13] [..] [B4]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B13] moved to slot[17]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][B13][..][..][XX]

[..] [..] [..] [B4]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B13] moved to slot[4]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][B13][..][XX]

[..] [..] [..] [B4]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B13] moved to slot[18]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][B13][XX]

[..] [..] [..] [B4]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][..][XX]

Train [B4] moved to slot[20]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][B13][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B4]

[B14] [..]

[XX][..][..][..][XX]

Train [B4] moved to slot[21]

Train [B13] moved to slot[19]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [B4]

[XX][..][..][..][XX]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][B13][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B14] [B4]

[XX][..][..][..][XX]

Train B4 reached it's destination

Train B7 is setting off

Train [B7] moved to slot[12]

[XX][A15][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[1]

[XX][..][A15][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[2]

Train [A9] moved to slot[0]

[XX][A9][..][A15][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

[XX][A9][..][A15][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[3]

[XX][A9][..][..][XX]

[..] [A15]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train A15 is approaching crossroads

Train [A15] moved to slot[4]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][A15][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[5]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A15] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[6]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][A15][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[7]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][A15][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[8]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][A15][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[9]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A15] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[10]

[XX][A9][..][..][XX]

[..] [..]

[A15] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train [A15] moved to slot[11]

[XX][A9][..][..][XX]

[A15] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][..][B7][XX]

Train A15 reached it's destination

Train A8 is setting off

Train [B7] moved to slot[13]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][..][B7][..][XX]

Train [B7] moved to slot[14]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B13]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][B7][..][..][XX]

Train [B13] moved to slot[20]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B13]

[B14] [..]

[XX][B7][..][..][XX]

Train [B13] moved to slot[21]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B14] [B13]

[XX][B7][..][..][XX]

Train B13 reached it's destination

Train B6 is setting off

Train [B6] moved to slot[12]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B14] [..]

[XX][B7][..][B6][XX]

Train B14 is approaching crossroads

Train [B14] moved to slot[7]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B14][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B7] moved to slot[15]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B14][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B14] moved to slot[16]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B14] [..] [..]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B14] moved to slot[17]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][B14][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B14] moved to slot[4]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][B14][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B14] moved to slot[18]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][B14][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [B14] moved to slot[19]

[XX][A9][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[1]

[XX][..][A9][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[2]

[XX][..][..][A9][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A12] moved to slot[0]

[XX][A12][..][A9][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[3]

[XX][A12][..][..][XX]

[..] [A9]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train A9 is approaching crossroads

Train [A9] moved to slot[4]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][A9][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[5]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A9] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[6]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][A9][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[7]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][A9][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[8]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][A9][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[9]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A9] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[10]

[XX][A12][..][..][XX]

[..] [..]

[A9] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train [A9] moved to slot[11]

[XX][A12][..][..][XX]

[A9] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][..][B6][XX]

Train A9 reached it's destination

Train A4 is setting off

Train [B6] moved to slot[13]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][..][B6][..][XX]

Train [B6] moved to slot[14]

[XX][A12][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[1]

[XX][..][A12][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[2]

[XX][..][..][A12][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[3]

[XX][..][..][..][XX]

[..] [A12]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train A12 is approaching crossroads

Train [A8] moved to slot[0]

[XX][A8][..][..][XX]

[..] [A12]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[4]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][A12][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[5]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A12] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[6]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][A12][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[7]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][A12][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[8]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][A12][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[9]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A12] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[10]

[XX][A8][..][..][XX]

[..] [..]

[A12] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train [A12] moved to slot[11]

[XX][A8][..][..][XX]

[A12] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B7] [..]

[XX][B6][..][..][XX]

Train A12 reached it's destination

Train A19 is setting off

Train B7 is approaching crossroads

Train [B6] moved to slot[15]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][B7][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B7] moved to slot[7]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B14]

[XX][..][B7][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B7] moved to slot[16]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B7] [..] [B14]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B7] moved to slot[17]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][B7][..][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B7] moved to slot[4]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][B7][..][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B7] moved to slot[18]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][B7][XX]

[..] [..] [..] [B14]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train [B14] moved to slot[20]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][B7][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B14]

[B6] [..]

[XX][..][..][..][XX]

Train [B14] moved to slot[21]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][B7][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B6] [B14]

[XX][..][..][..][XX]

Train B14 reached it's destination

Train [B7] moved to slot[19]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][..][XX]

Train B3 is setting off

Train [B3] moved to slot[12]

[XX][A8][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][B3][XX]

Train B6 is approaching crossroads

Train [A8] moved to slot[1]

[XX][..][A8][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[2]

[XX][..][..][A8][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[3]

[XX][..][..][..][XX]

[..] [A8]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][B3][XX]

Train A8 is approaching crossroads

Train [A4] moved to slot[0]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[B6] [..]

[XX][..][..][B3][XX]

Train [B6] moved to slot[7]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B7]

[XX][..][B6][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B6] moved to slot[16]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][..][..][XX]

[..] [B6] [..] [B7]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B6] moved to slot[17]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][B6][..][..][XX]

[..] [..] [..] [B7]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B7] moved to slot[20]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][B6][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B7]

[..] [..]

[XX][..][..][B3][XX]

Train [B7] moved to slot[21]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][B6][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B7]

[XX][..][..][B3][XX]

Train B7 reached it's destination

Train B18 is setting off

Train [B6] moved to slot[4]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][B6][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B6] moved to slot[18]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][..][B6][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B6] moved to slot[19]

[XX][A4][..][..][XX]

[..] [A8]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[4]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][A8][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[5]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A8] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[6]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][A8][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[7]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][A8][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[8]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][A8][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [A8] moved to slot[9]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A8] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B3][XX]

Train [B3] moved to slot[13]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A8] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][B3][..][XX]

Train [B3] moved to slot[14]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A8] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][B3][..][..][XX]

Train [B3] moved to slot[15]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A8] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][..][XX]

Train [B18] moved to slot[12]

[XX][A4][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A8] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A8] moved to slot[10]

[XX][A4][..][..][XX]

[..] [..]

[A8] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A8] moved to slot[11]

[XX][A4][..][..][XX]

[A8] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train A8 reached it's destination

Train A14 is setting off

Train [A4] moved to slot[1]

[XX][..][A4][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[2]

[XX][..][..][A4][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[3]

[XX][..][..][..][XX]

[..] [A4]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train A4 is approaching crossroads

Train [A4] moved to slot[4]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][A4][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[5]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A4] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A19] moved to slot[0]

Train [A4] moved to slot[6]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][A4][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][A4][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[7]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][A4][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[8]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][A4][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[9]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A4] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[10]

[XX][A19][..][..][XX]

[..] [..]

[A4] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train [A4] moved to slot[11]

[XX][A19][..][..][XX]

[A4] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B6]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][..][B18][XX]

Train A4 reached it's destination

Train A1 is setting off

Train [B6] moved to slot[20]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B6]

[B3] [..]

[XX][..][..][B18][XX]

Train [B6] moved to slot[21]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B3] [B6]

[XX][..][..][B18][XX]

Train B6 reached it's destination

Train B12 is setting off

Train [B18] moved to slot[13]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][..][B18][..][XX]

Train [B18] moved to slot[14]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][B18][..][..][XX]

Train [B12] moved to slot[12]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B3] [..]

[XX][B18][..][B12][XX]

Train B3 is approaching crossroads

Train [B3] moved to slot[7]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B3][..][XX] [..]

[..] [..]

[XX][B18][..][B12][XX]

Train [B18] moved to slot[15]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B3][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[16]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B3] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[17]

[XX][A19][..][..][XX]

[..] [..]

[..] [XX][B3][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[4]

Train [A19] moved to slot[1]

[XX][..][A19][..][XX]

[..] [..]

[..] [XX][..][B3][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

[XX][..][A19][..][XX]

[..] [..]

[..] [XX][..][B3][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[18]

Train [A19] moved to slot[2]

[XX][..][..][A19][XX]

[..] [..]

[..] [XX][..][..][B3][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

[XX][..][..][A19][XX]

[..] [..]

[..] [XX][..][..][B3][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[19]

Train [A19] moved to slot[3]

Train [A14] moved to slot[0]

[XX][A14][..][..][XX]

[..] [A19]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

[XX][..][..][..][XX]

[..] [A19]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

[XX][A14][..][..][XX]

[..] [A19]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A19 is approaching crossroads

Train [A19] moved to slot[4]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][A19][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[5]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A19] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[6]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][A19][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[7]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][A19][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[8]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][A19][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[9]

[XX][A14][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A19] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[10]

[XX][A14][..][..][XX]

[..] [..]

[A19] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A19] moved to slot[11]

[XX][A14][..][..][XX]

[A19] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A19 reached it's destination

Train A6 is setting off

Train [A14] moved to slot[1]

[XX][..][A14][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[2]

[XX][..][..][A14][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[3]

[XX][..][..][..][XX]

[..] [A14]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A14 is approaching crossroads

Train [A14] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][A14][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[5]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A14] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[6]

[XX][A1][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][A14][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[7]

Train [A1] moved to slot[0]

[XX][A1][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][A14][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

[XX][A1][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][A14][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[8]

[XX][A1][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][A14][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[9]

[XX][A1][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A14] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[10]

[XX][A1][..][..][XX]

[..] [..]

[A14] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A14] moved to slot[11]

[XX][A1][..][..][XX]

[A14] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A14 reached it's destination

Train A18 is setting off

Train [A1] moved to slot[1]

[XX][..][A1][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[2]

Train [A6] moved to slot[0]

[XX][A6][..][A1][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[3]

[XX][A6][..][..][XX]

[..] [A1]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A1 is approaching crossroads

[XX][A6][..][A1][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[4]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][A1][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[5]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A1] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[6]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][A1][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[7]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][A1][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[8]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][A1][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[9]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A1] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[10]

[XX][A6][..][..][XX]

[..] [..]

[A1] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train [A1] moved to slot[11]

[XX][A6][..][..][XX]

[A1] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B3]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][..][B12][XX]

Train A1 reached it's destination

Train A10 is setting off

Train [B3] moved to slot[20]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B3]

[B18] [..]

[XX][..][..][B12][XX]

Train [B3] moved to slot[21]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [B3]

[XX][..][..][B12][XX]

Train B3 reached it's destination

Train B9 is setting off

Train [B12] moved to slot[13]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][..][B12][..][XX]

Train [B12] moved to slot[14]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][B12][..][..][XX]

Train [B9] moved to slot[12]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][B12][..][B9][XX]

Train [B9] moved to slot[13]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B18] [..]

[XX][B12][B9][..][XX]

Train B18 is approaching crossroads

Train [B18] moved to slot[7]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B18][..][XX] [..]

[..] [..]

[XX][B12][B9][..][XX]

Train [B12] moved to slot[15]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B18][..][XX] [..]

[B12] [..]

[XX][..][B9][..][XX]

Train [B9] moved to slot[14]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B18][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [B18] moved to slot[16]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B18] [..] [..]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [B18] moved to slot[17]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][B18][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [B18] moved to slot[4]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][B18][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [B18] moved to slot[18]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][B18][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [B18] moved to slot[19]

[XX][A6][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[1]

[XX][..][A6][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[2]

[XX][..][..][A6][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[3]

[XX][..][..][..][XX]

[..] [A6]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A6 is approaching crossroads

Train [A6] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][A6][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[5]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A6] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[6]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][A6][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][A6][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[8]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][A6][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[9]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A6] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[0]

[XX][A18][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A6] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[10]

[XX][A18][..][..][XX]

[..] [..]

[A6] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A6] moved to slot[11]

[XX][A18][..][..][XX]

[A6] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A6 reached it's destination

Train A17 is setting off

Train [A18] moved to slot[1]

[XX][..][A18][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[2]

[XX][..][..][A18][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[3]

[XX][..][..][..][XX]

[..] [A18]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A18 is approaching crossroads

Train [A10] moved to slot[0]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][A18][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[4]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][A18][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[5]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A18] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[6]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][A18][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[7]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][A18][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[8]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][A18][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[9]

[XX][A10][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[1]

[XX][..][A10][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[2]

[XX][..][..][A10][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[3]

Train [A17] moved to slot[0]

[XX][A17][..][..][XX]

[..] [A10]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

[XX][..][..][..][XX]

[..] [A10]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A10 is approaching crossroads

Train [A10] moved to slot[4]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][A10][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[5]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [A10] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[6]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][..][A10][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[7]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][..][A10][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[8]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A18] [..] [..] [B18]

[XX][A10][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[10]

[XX][A17][..][..][XX]

[..] [..]

[A18] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][A10][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A18] moved to slot[11]

[XX][A17][..][..][XX]

[A18] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][A10][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A18 reached it's destination

Train [A10] moved to slot[9]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A10] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train B12 is approaching crossroads

Train [A10] moved to slot[10]

[XX][A17][..][..][XX]

[..] [..]

[A10] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train [A10] moved to slot[11]

[XX][A17][..][..][XX]

[A10] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B12] [..]

[XX][B9][..][..][XX]

Train A10 reached it's destination

Train [B12] moved to slot[7]

Train [B9] moved to slot[15]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][B12][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B18]

[XX][..][B12][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[16]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B12] [..] [B18]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[17]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][B12][..][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[4]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][B12][..][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[18]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][B12][XX]

[..] [..] [..] [B18]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train [B18] moved to slot[20]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][B12][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B18]

[B9] [..]

[XX][..][..][..][XX]

Train [B18] moved to slot[21]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][B12][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B9] [B18]

[XX][..][..][..][XX]

Train B18 reached it's destination

Train [B12] moved to slot[19]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][..][XX]

Train B1 is setting off

Train [B1] moved to slot[12]

[XX][A17][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[1]

[XX][..][A17][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[2]

[XX][..][..][A17][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[3]

[XX][..][..][..][XX]

[..] [A17]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train A17 is approaching crossroads

Train [A17] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][A17][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[5]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [A17] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[6]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][A17][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][A17][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[8]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][A17][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[9]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[A17] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[10]

[XX][..][..][..][XX]

[..] [..]

[A17] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train [A17] moved to slot[11]

[XX][..][..][..][XX]

[A17] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][..][B1][XX]

Train A17 reached it's destination

Train [B1] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][..][B1][..][XX]

Train [B1] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B9] [..]

[XX][B1][..][..][XX]

Train B9 is approaching crossroads

Train [B9] moved to slot[7]

Train [B1] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][B9][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B12]

[XX][..][B9][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

Train [B9] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B9] [..] [B12]

[XX][..][..][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

Train [B9] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B9][..][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

Train [B9] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B9][..][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

Train [B9] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B9][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[B1] [..]

[XX][..][..][..][XX]

Train B1 is approaching crossroads

Train [B1] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B9][XX]

[..] [..] [..] [B12]

[XX][..][B1][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B1] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B9][XX]

[..] [B1] [..] [B12]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B1] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B1][..][B9][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B1] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B1][B9][XX]

[..] [..] [..] [B12]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B1][B9][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B12]

[..] [..]

[XX][..][..][..][XX]

Train [B12] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B1][B9][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B12]

[XX][..][..][..][XX]

Train B12 reached it's destination

Train [B9] moved to slot[19]

Train [B1] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B1][XX]

[..] [..] [..] [B9]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train B2 is setting off

Train [B2] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B1][XX]

[..] [..] [..] [B9]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B2][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B1][XX]

[..] [..] [..] [B9]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B9] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B1][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B9]

[..] [..]

[XX][..][..][B2][XX]

Train [B9] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B1][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B9]

[XX][..][..][B2][XX]

Train B9 reached it's destination

Train [B1] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B1]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B2][XX]

Train B19 is setting off

Train [B2] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B1]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][B2][..][XX]

Train [B2] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B1]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][B2][..][..][XX]

Train [B2] moved to slot[15]

Train [B19] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B1]

[XX][..][..][..][XX] [..]

[B2] [..]

[XX][..][..][B19][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B1]

[XX][..][..][..][XX] [..]

[B2] [..]

[XX][..][..][B19][XX]

Train B2 is approaching crossroads

Train [B1] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B1]

[B2] [..]

[XX][..][..][B19][XX]

Train [B1] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B2] [B1]

[XX][..][..][B19][XX]

Train B1 reached it's destination

Train B8 is setting off

Train [B2] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B2][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B2] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B2] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B2] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B2][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B2] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B2][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B2] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B2][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B2] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B2]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B19][XX]

Train [B19] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B2]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][B19][..][XX]

Train [B19] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B2]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][B19][..][..][XX]

Train [B19] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B2]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][..][..][..][XX]

Train [B8] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B2]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][..][..][B8][XX]

Train [B2] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B2]

[B19] [..]

[XX][..][..][B8][XX]

Train [B2] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B19] [B2]

[XX][..][..][B8][XX]

Train B2 reached it's destination

Train B0 is setting off

Train B19 is approaching crossroads

Train [B8] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][..][B8][..][XX]

Train [B8] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][B8][..][..][XX]

Train [B0] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][B8][..][B0][XX]

Train [B0] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B19] [..]

[XX][B8][B0][..][XX]

Train [B19] moved to slot[7]

Train [B8] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B19][..][XX] [..]

[B8] [..]

[XX][..][B0][..][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B19][..][XX] [..]

[B8] [..]

[XX][..][B0][..][XX]

Train [B0] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B19][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B19] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B19][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B19][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B19][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B19]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][..][XX]

Train B8 is approaching crossroads

Train [B19] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B19]

[B8] [..]

[XX][B0][..][..][XX]

Train [B19] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [B19]

[XX][B0][..][..][XX]

Train B19 reached it's destination

Train B16 is setting off

Train [B16] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][..][B16][XX]

Train [B16] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B8] [..]

[XX][B0][B16][..][XX]

Train [B8] moved to slot[7]

Train [B0] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B8][..][XX] [..]

[B0] [..]

[XX][..][B16][..][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B8][..][XX] [..]

[..] [..]

[XX][..][B16][..][XX]

Train [B16] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B8][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train [B8] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B8] [..] [..]

[XX][..][..][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train [B8] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B8][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train [B8] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B8][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train [B8] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B8][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train [B8] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[B0] [..]

[XX][B16][..][..][XX]

Train B0 is approaching crossroads

Train [B0] moved to slot[7]

Train [B16] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B8]

[XX][..][B0][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B8]

[XX][..][B0][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

Train [B0] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B0] [..] [B8]

[XX][..][..][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

Train [B0] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B0][..][..][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

Train [B0] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B0][..][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

Train [B0] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B0][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[B16] [..]

[XX][..][..][..][XX]

Train B16 is approaching crossroads

Train [B16] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B0][XX]

[..] [..] [..] [B8]

[XX][..][B16][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B16] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B0][XX]

[..] [B16] [..] [B8]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B16] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B16][..][B0][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B16] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B16][B0][XX]

[..] [..] [..] [B8]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B8] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B16][B0][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B8]

[..] [..]

[XX][..][..][..][XX]

Train [B8] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B16][B0][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B8]

[XX][..][..][..][XX]

Train B8 reached it's destination

Train [B0] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B16][..][XX]

[..] [..] [..] [B0]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train B10 is setting off

Train [B10] moved to slot[12]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B16][XX]

[..] [..] [..] [B0]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B10][XX]

Train [B16] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B16][XX]

[..] [..] [..] [B0]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B10][XX]

Train [B0] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B16][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B0]

[..] [..]

[XX][..][..][B10][XX]

Train [B0] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B16][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B0]

[XX][..][..][B10][XX]

Train B0 reached it's destination

Train [B16] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B16]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][B10][XX]

Train [B16] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B16]

[..] [..]

[XX][..][..][B10][XX]

Train [B16] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B16]

[XX][..][..][B10][XX]

Train B16 reached it's destination

Train [B10] moved to slot[13]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][B10][..][XX]

Train [B10] moved to slot[14]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][B10][..][..][XX]

Train [B10] moved to slot[15]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[B10] [..]

[XX][..][..][..][XX]

Train B10 is approaching crossroads

Train [B10] moved to slot[7]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][B10][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[16]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [B10] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[17]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][B10][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[4]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][B10][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[18]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][B10][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[19]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [B10]

[XX][..][..][..][XX] [..]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[20]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [B10]

[..] [..]

[XX][..][..][..][XX]

Train [B10] moved to slot[21]

[XX][..][..][..][XX]

[..] [..]

[..] [XX][..][..][..][XX]

[..] [..] [..] [..]

[XX][..][..][..][XX] [..]

[..] [B10]

[XX][..][..][..][XX]

Train B10 reached it's destination

All Trains have navigated the track Successfully

BUILD SUCCESSFUL (total time: 3 seconds)