**PA3 Sample Result**

Optimal response time is unique but optimal position is not unique. Here is just one of them. If your solution is not this one, you need to verify, given this position, if the worse response time is the same as the optimal worse-case response time.

4-2.in

Response time: 19

Station 0 Position 32

Station 1 Position 109

7-1.in

Response time: 69

Station 0 Position 71

10-5.in

Response time: 14

Station 0 Position 11

Station 1 Position 37

Station 2 Position 108

Station 3 Position 216

Station 4 Position 254

60-12.in

Response time: 79

Station 0 Position 91

Station 1 Position 289

Station 2 Position 456

Station 3 Position 677

Station 4 Position 906

Station 5 Position 1068

Station 6 Position 1267

Station 7 Position 1502

Station 8 Position 1814

Station 9 Position 1985

Station 10 Position 2197

Station 11 Position 2458

250-100.in

Response time: 25

Station 0 Position 13

Station 1 Position 114

Station 2 Position 205

Station 3 Position 262

Station 4 Position 321

Station 5 Position 426

Station 6 Position 486

Station 7 Position 541

Station 8 Position 626

Station 9 Position 674

Station 10 Position 719

Station 11 Position 787

Station 12 Position 847

Station 13 Position 920

Station 14 Position 1017

Station 15 Position 1077

Station 16 Position 1144

Station 17 Position 1221

Station 18 Position 1296

Station 19 Position 1346

Station 20 Position 1422

Station 21 Position 1501

Station 22 Position 1629

Station 23 Position 1709

Station 24 Position 1796

Station 25 Position 1942

Station 26 Position 2160

Station 27 Position 2218

Station 28 Position 2276

Station 29 Position 2323

Station 30 Position 2410

Station 31 Position 2492

Station 32 Position 2549

Station 33 Position 2649

Station 34 Position 2695

Station 35 Position 2815

Station 36 Position 3106

Station 37 Position 3186

Station 38 Position 3273

Station 39 Position 3353

Station 40 Position 3420

Station 41 Position 3574

Station 42 Position 3734

Station 43 Position 3768

Station 44 Position 3822

Station 45 Position 3871

Station 46 Position 3983

Station 47 Position 4067

Station 48 Position 4149

Station 49 Position 4195

Station 50 Position 4392

Station 51 Position 4452

Station 52 Position 4526

Station 53 Position 4634

Station 54 Position 4706

Station 55 Position 4781

Station 56 Position 4856

Station 57 Position 4928

Station 58 Position 4997

Station 59 Position 5066

Station 60 Position 5155

Station 61 Position 5272

Station 62 Position 5355

Station 63 Position 5465

Station 64 Position 5554

Station 65 Position 5648

Station 66 Position 5699

Station 67 Position 5780

Station 68 Position 5888

Station 69 Position 5940

Station 70 Position 6015

Station 71 Position 6092

Station 72 Position 6201

Station 73 Position 6249

Station 74 Position 6326

Station 75 Position 6382

Station 76 Position 6444

Station 77 Position 6548

Station 78 Position 6598

Station 79 Position 6735

Station 80 Position 6813

Station 81 Position 6869

Station 82 Position 7018

Station 83 Position 7087

Station 84 Position 7170

Station 85 Position 7211

Station 86 Position 7294

Station 87 Position 7345

Station 88 Position 7410

Station 89 Position 7487

Station 90 Position 7558

Station 91 Position 7686

Station 92 Position 7825

Station 93 Position 7946

Station 94 Position 8002

Station 95 Position 8118

Station 96 Position 8240

Station 97 Position 8293

Station 98 Position 8426

Station 99 Position 8475