/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/bin/java -Didea.launcher.port=7534 "-Didea.launcher.bin.path=/Applications/IntelliJ IDEA.app/Contents/bin" -Dfile.encoding=UTF-8 -classpath "/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/charsets.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/deploy.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/cldrdata.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/dnsns.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/jaccess.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/jfxrt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/localedata.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/nashorn.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/sunec.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/sunjce\_provider.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/sunpkcs11.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/ext/zipfs.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/javaws.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/jfr.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/jfxswt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/management-agent.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/plugin.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/ant-javafx.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/dt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/javafx-mx.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/jconsole.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/packager.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/sa-jdi.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/lib/tools.jar:/Users/juliananderson/Dropbox/skripsi-java-fix/out/production/skripsi:/Applications/IntelliJ IDEA.app/Contents/lib/idea\_rt.jar" com.intellij.rt.execution.application.AppMain Main

SLC for CVRP

Number of Vehicle = Vehicle's Capacity = Number of Customers = Number of Teams = Number of Fixed Player(nFP) = Number of Substitute Player(nS) = Number of Player in Each Team = 22

Number of Player in the League = 110

Demand Pelanggan =

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Demand Pelanggan 52 = 9

Demand Pelanggan 53 = 36

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54.00 0.00 68.00 54.00 45.00 38.00 39.00 30.00 72.00 38.00 19.00 39.00 68.00 41.00 64.00 21.00 44.00 13.00 46.00 71.00 29.00 42.00 58.00 30.00 85.00 91.00 16.00 62.00 38.00 20.00 62.00 75.00 47.00 40.00 67.00 26.00 8.00 74.00 30.00 27.00 82.00 78.00 80.00 48.00 40.00 16.00 74.00 93.00 89.00 22.00 30.00 82.00 54.00 47.00

68.00 68.00 0.00 48.00 69.00 82.00 37.00 78.00 26.00 60.00 54.00 34.00 4.00 28.00 6.00 58.00 50.00 60.00 88.00 26.00 68.00 78.00 44.00 66.00 21.00 51.00 65.00 6.00 77.00 64.00 63.00 36.00 31.00 64.00 46.00 57.00 75.00 13.00 51.00 80.00 29.00 38.00 22.00 64.00 49.00 69.00 28.00 47.00 31.00 73.00 84.00 27.00 57.00 44.00

89.00 54.00 48.00 0.00 84.00 87.00 54.00 80.00 32.00 21.00 54.00 26.00 45.00 32.00 49.00 60.00 70.00 41.00 95.00 30.00 74.00 36.00 6.00 73.00 69.00 96.00 40.00 44.00 84.00 64.00 90.00 28.00 57.00 22.00 82.00 63.00 62.00 43.00 24.00 78.00 41.00 81.00 70.00 83.00 14.00 43.00 72.00 93.00 49.00 72.00 82.00 74.00 82.00 8.00

10.00 45.00 69.00 84.00 0.00 18.00 34.00 22.00 88.00 76.00 32.00 59.00 72.00 55.00 64.00 26.00 20.00 53.00 20.00 87.00 16.00 86.00 86.00 15.00 75.00 62.00 59.00 65.00 13.00 25.00 22.00 95.00 38.00 80.00 38.00 22.00 42.00 81.00 64.00 27.00 95.00 55.00 67.00 8.00 73.00 60.00 57.00 68.00 99.00 26.00 30.00 68.00 18.00 76.00

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89.00 72.00 26.00 32.00 88.00 96.00 53.00 91.00 0.00 50.00 64.00 34.00 22.00 34.00 30.00 69.00 69.00 61.00 103.00 2.00 82.00 67.00 26.00 81.00 44.00 77.00 64.00 26.00 92.00 75.00 85.00 10.00 51.00 53.00 71.00 71.00 80.00 15.00 47.00 91.00 10.00 64.00 48.00 83.00 40.00 67.00 54.00 72.00 18.00 84.00 96.00 52.00 79.00 32.00

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62.00 64.00 6.00 49.00 64.00 76.00 31.00 72.00 30.00 59.00 49.00 31.00 9.00 25.00 0.00 52.00 44.00 57.00 82.00 30.00 63.00 77.00 46.00 61.00 22.00 48.00 62.00 4.00 71.00 59.00 57.00 40.00 26.00 63.00 41.00 52.00 70.00 18.00 49.00 75.00 34.00 35.00 21.00 58.00 48.00 66.00 25.00 45.00 36.00 68.00 79.00 26.00 52.00 44.00

34.00 21.00 58.00 60.00 26.00 27.00 22.00 21.00 69.00 50.00 6.00 37.00 59.00 35.00 52.00 0.00 23.00 27.00 35.00 68.00 13.00 60.00 63.00 13.00 70.00 71.00 34.00 52.00 24.00 6.00 40.00 75.00 30.00 54.00 47.00 4.00 22.00 66.00 38.00 22.00 78.00 59.00 64.00 28.00 48.00 35.00 57.00 74.00 84.00 15.00 27.00 66.00 33.00 52.00

20.00 44.00 50.00 70.00 20.00 35.00 16.00 34.00 69.00 66.00 26.00 44.00 52.00 39.00 44.00 23.00 0.00 47.00 39.00 68.00 24.00 79.00 71.00 22.00 56.00 49.00 54.00 45.00 29.00 27.00 20.00 77.00 18.00 70.00 24.00 19.00 45.00 61.00 53.00 38.00 76.00 38.00 48.00 14.00 60.00 56.00 38.00 53.00 79.00 33.00 42.00 49.00 12.00 62.00

60.00 13.00 60.00 41.00 53.00 49.00 37.00 41.00 61.00 25.00 22.00 28.00 60.00 32.00 57.00 27.00 47.00 0.00 57.00 59.00 38.00 33.00 45.00 38.00 79.00 90.00 7.00 54.00 48.00 28.00 66.00 64.00 44.00 29.00 68.00 31.00 21.00 64.00 17.00 39.00 71.00 76.00 75.00 54.00 27.00 10.00 71.00 91.00 79.00 33.00 42.00 78.00 58.00 34.00

28.00 46.00 88.00 95.00 20.00 8.00 51.00 16.00 103.00 82.00 41.00 72.00 90.00 70.00 82.00 35.00 39.00 57.00 0.00 102.00 22.00 88.00 98.00 23.00 95.00 82.00 63.00 83.00 11.00 30.00 40.00 110.00 57.00 86.00 58.00 33.00 40.00 98.00 72.00 20.00 112.00 75.00 87.00 28.00 82.00 62.00 77.00 88.00 116.00 24.00 19.00 88.00 38.00 87.00

88.00 71.00 26.00 30.00 87.00 95.00 52.00 89.00 2.00 48.00 62.00 32.00 22.00 33.00 30.00 68.00 68.00 59.00 102.00 0.00 81.00 65.00 24.00 79.00 45.00 77.00 62.00 26.00 91.00 74.00 85.00 10.00 50.00 51.00 71.00 69.00 79.00 16.00 45.00 90.00 12.00 64.00 48.00 82.00 38.00 66.00 54.00 73.00 20.00 82.00 94.00 52.00 78.00 30.00

26.00 29.00 68.00 74.00 16.00 14.00 31.00 10.00 82.00 63.00 20.00 50.00 70.00 48.00 63.00 13.00 24.00 38.00 22.00 81.00 0.00 70.00 76.00 2.00 78.00 72.00 44.00 63.00 11.00 10.00 36.00 88.00 38.00 66.00 48.00 11.00 26.00 78.00 51.00 14.00 91.00 62.00 71.00 21.00 61.00 45.00 62.00 77.00 96.00 10.00 18.00 72.00 30.00 65.00

93.00 42.00 78.00 36.00 86.00 80.00 67.00 72.00 67.00 18.00 54.00 46.00 76.00 52.00 77.00 60.00 79.00 33.00 88.00 65.00 70.00 0.00 42.00 71.00 99.00 118.00 26.00 73.00 80.00 61.00 99.00 64.00 73.00 15.00 98.00 64.00 48.00 77.00 28.00 68.00 77.00 103.00 97.00 87.00 29.00 26.00 96.00 117.00 85.00 64.00 71.00 101.00 91.00 35.00

90.00 58.00 44.00 6.00 86.00 90.00 54.00 83.00 26.00 27.00 56.00 27.00 41.00 32.00 46.00 63.00 71.00 45.00 98.00 24.00 76.00 42.00 0.00 75.00 65.00 93.00 45.00 41.00 87.00 67.00 90.00 22.00 56.00 28.00 81.00 65.00 66.00 38.00 28.00 82.00 35.00 79.00 67.00 84.00 19.00 48.00 70.00 90.00 43.00 75.00 86.00 71.00 82.00 11.00

24.00 30.00 66.00 73.00 15.00 16.00 30.00 12.00 81.00 62.00 19.00 49.00 68.00 47.00 61.00 13.00 22.00 38.00 23.00 79.00 2.00 71.00 75.00 0.00 76.00 70.00 44.00 61.00 12.00 10.00 34.00 87.00 36.00 66.00 46.00 10.00 27.00 76.00 51.00 16.00 89.00 60.00 69.00 20.00 60.00 45.00 60.00 75.00 94.00 12.00 20.00 70.00 28.00 65.00

71.00 85.00 21.00 69.00 75.00 90.00 48.00 88.00 44.00 81.00 68.00 54.00 24.00 48.00 22.00 70.00 56.00 79.00 95.00 45.00 78.00 99.00 65.00 76.00 0.00 36.00 84.00 26.00 85.00 76.00 62.00 54.00 40.00 85.00 42.00 69.00 90.00 29.00 72.00 91.00 43.00 28.00 8.00 68.00 70.00 88.00 20.00 30.00 40.00 85.00 96.00 11.00 59.00 65.00

54.00 91.00 51.00 96.00 62.00 80.00 53.00 82.00 77.00 101.00 72.00 73.00 55.00 66.00 48.00 71.00 49.00 90.00 82.00 77.00 72.00 118.00 93.00 70.00 36.00 0.00 97.00 52.00 74.00 75.00 42.00 87.00 45.00 106.00 25.00 67.00 93.00 62.00 89.00 86.00 78.00 14.00 30.00 54.00 92.00 100.00 23.00 8.00 76.00 82.00 90.00 26.00 44.00 90.00

67.00 16.00 65.00 40.00 59.00 54.00 44.00 46.00 64.00 22.00 29.00 32.00 64.00 37.00 62.00 34.00 54.00 7.00 63.00 62.00 44.00 26.00 45.00 44.00 84.00 97.00 0.00 59.00 54.00 34.00 73.00 65.00 51.00 24.00 75.00 38.00 24.00 68.00 17.00 43.00 74.00 83.00 81.00 61.00 26.00 4.00 77.00 98.00 81.00 38.00 46.00 84.00 65.00 34.00

64.00 62.00 6.00 44.00 65.00 77.00 32.00 72.00 26.00 55.00 48.00 28.00 7.00 22.00 4.00 52.00 45.00 54.00 83.00 26.00 63.00 73.00 41.00 61.00 26.00 52.00 59.00 0.00 72.00 58.00 60.00 36.00 27.00 59.00 45.00 52.00 69.00 16.00 46.00 74.00 31.00 39.00 26.00 60.00 44.00 63.00 29.00 49.00 34.00 67.00 79.00 30.00 54.00 40.00

22.00 38.00 77.00 84.00 13.00 6.00 40.00 10.00 92.00 73.00 30.00 61.00 79.00 58.00 71.00 24.00 29.00 48.00 11.00 91.00 11.00 80.00 87.00 12.00 85.00 74.00 54.00 72.00 0.00 20.00 34.00 98.00 46.00 77.00 50.00 22.00 34.00 87.00 62.00 16.00 100.00 66.00 77.00 20.00 71.00 54.00 67.00 80.00 105.00 16.00 17.00 78.00 30.00 76.00

34.00 20.00 64.00 64.00 25.00 22.00 28.00 16.00 75.00 53.00 11.00 43.00 65.00 41.00 59.00 6.00 27.00 28.00 30.00 74.00 10.00 61.00 67.00 10.00 76.00 75.00 34.00 58.00 20.00 0.00 43.00 81.00 36.00 56.00 51.00 8.00 18.00 72.00 42.00 16.00 84.00 64.00 70.00 29.00 51.00 35.00 62.00 79.00 90.00 9.00 21.00 72.00 35.00 56.00

12.00 62.00 63.00 90.00 22.00 40.00 36.00 43.00 85.00 86.00 45.00 64.00 66.00 58.00 57.00 40.00 20.00 66.00 40.00 85.00 36.00 99.00 90.00 34.00 62.00 42.00 73.00 60.00 34.00 43.00 0.00 94.00 35.00 91.00 21.00 36.00 61.00 75.00 74.00 48.00 91.00 38.00 54.00 14.00 81.00 75.00 43.00 49.00 93.00 46.00 51.00 53.00 8.00 82.00

97.00 75.00 36.00 28.00 95.00 102.00 61.00 96.00 10.00 48.00 69.00 38.00 32.00 40.00 40.00 75.00 77.00 64.00 110.00 10.00 88.00 64.00 22.00 87.00 54.00 87.00 65.00 36.00 98.00 81.00 94.00 0.00 59.00 50.00 81.00 77.00 84.00 25.00 48.00 96.00 14.00 74.00 58.00 91.00 39.00 68.00 64.00 82.00 22.00 89.00 100.00 62.00 87.00 31.00

38.00 47.00 31.00 57.00 38.00 51.00 8.00 48.00 51.00 57.00 29.00 31.00 34.00 24.00 26.00 30.00 18.00 44.00 57.00 50.00 38.00 73.00 56.00 36.00 40.00 45.00 51.00 27.00 46.00 36.00 35.00 59.00 0.00 62.00 26.00 28.00 51.00 43.00 45.00 51.00 58.00 32.00 34.00 33.00 49.00 54.00 27.00 47.00 61.00 44.00 55.00 36.00 28.00 49.00

87.00 40.00 64.00 22.00 80.00 78.00 56.00 70.00 53.00 4.00 48.00 33.00 62.00 40.00 63.00 54.00 70.00 29.00 86.00 51.00 66.00 15.00 28.00 66.00 85.00 106.00 24.00 59.00 77.00 56.00 91.00 50.00 62.00 0.00 88.00 58.00 48.00 62.00 17.00 67.00 62.00 91.00 84.00 81.00 14.00 26.00 84.00 105.00 70.00 62.00 70.00 88.00 82.00 21.00

31.00 67.00 46.00 82.00 38.00 56.00 32.00 57.00 71.00 83.00 48.00 57.00 50.00 50.00 41.00 47.00 24.00 68.00 58.00 71.00 48.00 98.00 81.00 46.00 42.00 25.00 75.00 45.00 50.00 51.00 21.00 81.00 26.00 88.00 0.00 43.00 69.00 59.00 71.00 62.00 75.00 17.00 34.00 30.00 75.00 78.00 23.00 30.00 76.00 57.00 65.00 33.00 20.00 75.00

29.00 26.00 57.00 63.00 22.00 25.00 21.00 21.00 71.00 54.00 10.00 39.00 59.00 37.00 52.00 4.00 19.00 31.00 33.00 69.00 11.00 64.00 65.00 10.00 69.00 67.00 38.00 52.00 22.00 8.00 36.00 77.00 28.00 58.00 43.00 0.00 26.00 67.00 42.00 23.00 79.00 56.00 62.00 23.00 51.00 39.00 54.00 71.00 84.00 16.00 27.00 64.00 28.00 55.00

52.00 8.00 75.00 62.00 42.00 32.00 43.00 24.00 80.00 46.00 22.00 47.00 75.00 48.00 70.00 22.00 45.00 21.00 40.00 79.00 26.00 48.00 66.00 27.00 90.00 93.00 24.00 69.00 34.00 18.00 61.00 84.00 51.00 48.00 69.00 26.00 0.00 81.00 38.00 20.00 90.00 81.00 85.00 47.00 48.00 23.00 78.00 96.00 97.00 17.00 22.00 87.00 54.00 55.00

80.00 74.00 13.00 43.00 81.00 92.00 47.00 87.00 15.00 59.00 62.00 36.00 9.00 33.00 18.00 66.00 61.00 64.00 98.00 16.00 78.00 77.00 38.00 76.00 29.00 62.00 68.00 16.00 87.00 72.00 75.00 25.00 43.00 62.00 59.00 67.00 81.00 0.00 52.00 89.00 16.00 50.00 33.00 75.00 48.00 72.00 40.00 57.00 18.00 81.00 93.00 37.00 69.00 41.00

70.00 30.00 51.00 24.00 64.00 64.00 39.00 56.00 47.00 13.00 32.00 18.00 50.00 24.00 49.00 38.00 53.00 17.00 72.00 45.00 51.00 28.00 28.00 51.00 72.00 89.00 17.00 46.00 62.00 42.00 74.00 48.00 45.00 17.00 71.00 42.00 38.00 52.00 0.00 55.00 57.00 75.00 69.00 64.00 10.00 21.00 68.00 89.00 64.00 48.00 58.00 73.00 66.00 17.00

37.00 27.00 80.00 78.00 27.00 13.00 44.00 6.00 91.00 64.00 27.00 58.00 81.00 57.00 75.00 22.00 38.00 39.00 20.00 90.00 14.00 68.00 82.00 16.00 91.00 86.00 43.00 74.00 16.00 16.00 48.00 96.00 51.00 67.00 62.00 23.00 20.00 89.00 55.00 0.00 100.00 76.00 85.00 34.00 64.00 42.00 76.00 91.00 106.00 7.00 4.00 86.00 43.00 70.00

95.00 82.00 29.00 41.00 95.00 105.00 61.00 100.00 10.00 60.00 73.00 44.00 25.00 43.00 34.00 78.00 76.00 71.00 112.00 12.00 91.00 77.00 35.00 89.00 43.00 78.00 74.00 31.00 100.00 84.00 91.00 14.00 58.00 62.00 75.00 79.00 90.00 16.00 57.00 100.00 0.00 66.00 48.00 90.00 50.00 78.00 56.00 72.00 8.00 93.00 105.00 52.00 85.00 42.00

48.00 78.00 38.00 81.00 55.00 72.00 39.00 72.00 64.00 87.00 59.00 59.00 42.00 52.00 35.00 59.00 38.00 76.00 75.00 64.00 62.00 103.00 79.00 60.00 28.00 14.00 83.00 39.00 66.00 64.00 38.00 74.00 32.00 91.00 17.00 56.00 81.00 50.00 75.00 76.00 66.00 0.00 20.00 47.00 78.00 86.00 10.00 15.00 66.00 71.00 80.00 17.00 37.00 75.00

63.00 80.00 22.00 70.00 67.00 83.00 42.00 81.00 48.00 80.00 62.00 52.00 26.00 45.00 21.00 64.00 48.00 75.00 87.00 48.00 71.00 97.00 67.00 69.00 8.00 30.00 81.00 26.00 77.00 70.00 54.00 58.00 34.00 84.00 34.00 62.00 85.00 33.00 69.00 85.00 48.00 20.00 0.00 60.00 69.00 84.00 11.00 25.00 46.00 78.00 89.00 4.00 51.00 65.00

6.00 48.00 64.00 83.00 8.00 26.00 30.00 29.00 83.00 76.00 33.00 57.00 67.00 52.00 58.00 28.00 14.00 54.00 28.00 82.00 21.00 87.00 84.00 20.00 68.00 54.00 61.00 60.00 20.00 29.00 14.00 91.00 33.00 81.00 30.00 23.00 47.00 75.00 64.00 34.00 90.00 47.00 60.00 0.00 72.00 63.00 49.00 60.00 94.00 31.00 37.00 60.00 10.00 75.00

78.00 40.00 49.00 14.00 73.00 74.00 45.00 66.00 40.00 11.00 41.00 19.00 47.00 26.00 48.00 48.00 60.00 27.00 82.00 38.00 61.00 29.00 19.00 60.00 70.00 92.00 26.00 44.00 71.00 51.00 81.00 39.00 49.00 14.00 75.00 51.00 48.00 48.00 10.00 64.00 50.00 78.00 69.00 72.00 0.00 30.00 70.00 91.00 58.00 58.00 68.00 74.00 72.00 8.00

68.00 16.00 69.00 43.00 60.00 54.00 47.00 46.00 67.00 24.00 31.00 36.00 68.00 41.00 66.00 35.00 56.00 10.00 62.00 66.00 45.00 26.00 48.00 45.00 88.00 100.00 4.00 63.00 54.00 35.00 75.00 68.00 54.00 26.00 78.00 39.00 23.00 72.00 21.00 42.00 78.00 86.00 84.00 63.00 30.00 0.00 81.00 101.00 85.00 38.00 45.00 88.00 67.00 38.00

52.00 74.00 28.00 72.00 57.00 73.00 35.00 72.00 54.00 79.00 56.00 51.00 32.00 44.00 25.00 57.00 38.00 71.00 77.00 54.00 62.00 96.00 70.00 60.00 20.00 23.00 77.00 29.00 67.00 62.00 43.00 64.00 27.00 84.00 23.00 54.00 78.00 40.00 68.00 76.00 56.00 10.00 11.00 49.00 70.00 81.00 0.00 21.00 56.00 70.00 80.00 11.00 40.00 67.00

61.00 93.00 47.00 93.00 68.00 86.00 55.00 87.00 72.00 100.00 74.00 72.00 51.00 65.00 45.00 74.00 53.00 91.00 88.00 73.00 77.00 117.00 90.00 75.00 30.00 8.00 98.00 49.00 80.00 79.00 49.00 82.00 47.00 105.00 30.00 71.00 96.00 57.00 89.00 91.00 72.00 15.00 25.00 60.00 91.00 101.00 21.00 0.00 70.00 86.00 95.00 20.00 50.00 88.00

98.00 89.00 31.00 49.00 99.00 110.00 65.00 105.00 18.00 68.00 79.00 51.00 27.00 49.00 36.00 84.00 79.00 79.00 116.00 20.00 96.00 85.00 43.00 94.00 40.00 76.00 81.00 34.00 105.00 90.00 93.00 22.00 61.00 70.00 76.00 84.00 97.00 18.00 64.00 106.00 8.00 66.00 46.00 94.00 58.00 85.00 56.00 70.00 0.00 99.00 110.00 50.00 88.00 50.00

35.00 22.00 73.00 72.00 26.00 16.00 37.00 8.00 84.00 58.00 20.00 51.00 74.00 50.00 68.00 15.00 33.00 33.00 24.00 82.00 10.00 64.00 75.00 12.00 85.00 82.00 38.00 67.00 16.00 9.00 46.00 89.00 44.00 62.00 57.00 16.00 17.00 81.00 48.00 7.00 93.00 71.00 78.00 31.00 58.00 38.00 70.00 86.00 99.00 0.00 12.00 80.00 39.00 64.00

39.00 30.00 84.00 82.00 30.00 13.00 48.00 8.00 96.00 67.00 32.00 62.00 86.00 62.00 79.00 27.00 42.00 42.00 19.00 94.00 18.00 71.00 86.00 20.00 96.00 90.00 46.00 79.00 17.00 21.00 51.00 100.00 55.00 70.00 65.00 27.00 22.00 93.00 58.00 4.00 105.00 80.00 89.00 37.00 68.00 45.00 80.00 95.00 110.00 12.00 0.00 90.00 46.00 74.00

63.00 82.00 27.00 74.00 68.00 84.00 44.00 83.00 52.00 84.00 65.00 56.00 30.00 49.00 26.00 66.00 49.00 78.00 88.00 52.00 72.00 101.00 71.00 70.00 11.00 26.00 84.00 30.00 78.00 72.00 53.00 62.00 36.00 88.00 33.00 64.00 87.00 37.00 73.00 86.00 52.00 17.00 4.00 60.00 74.00 88.00 11.00 20.00 50.00 80.00 90.00 0.00 51.00 69.00

12.00 54.00 57.00 82.00 18.00 36.00 28.00 38.00 79.00 78.00 37.00 56.00 60.00 50.00 52.00 33.00 12.00 58.00 38.00 78.00 30.00 91.00 82.00 28.00 59.00 44.00 65.00 54.00 30.00 35.00 8.00 87.00 28.00 82.00 20.00 28.00 54.00 69.00 66.00 43.00 85.00 37.00 51.00 10.00 72.00 67.00 40.00 50.00 88.00 39.00 46.00 51.00 0.00 74.00

81.00 47.00 44.00 8.00 76.00 79.00 46.00 72.00 32.00 18.00 46.00 18.00 42.00 25.00 44.00 52.00 62.00 34.00 87.00 30.00 65.00 35.00 11.00 65.00 65.00 90.00 34.00 40.00 76.00 56.00 82.00 31.00 49.00 21.00 75.00 55.00 55.00 41.00 17.00 70.00 42.00 75.00 65.00 75.00 8.00 38.00 67.00 88.00 50.00 64.00 74.00 69.00 74.00 0.00

Masukkan Koordinat X pelanggan (tanpa depot):

Masukkan Koordinat y pelanggan (tanpa depot):

Masukin koordinat semua pelanggan (X dan Y tanpa depot)

Coormin = 1.0

Coormax = 95.0

Season - 1

Jarak Terkecil adalah : 1269.0

Season - 2

Jarak Terkecil adalah : 1263.0

Season - 3

Jarak Terkecil adalah : 1263.0

Season - 4

Jarak Terkecil adalah : 1263.0

Season - 5

Jarak Terkecil adalah : 1263.0

Season - 6

Jarak Terkecil adalah : 1263.0

Season - 7

Jarak Terkecil adalah : 1263.0

Season - 8

Jarak Terkecil adalah : 1245.0

Season - 9

Jarak Terkecil adalah : 1245.0

Season - 10

Jarak Terkecil adalah : 1245.0

Season - 11

Jarak Terkecil adalah : 1245.0

Season - 12

Jarak Terkecil adalah : 1245.0

Season - 13

Jarak Terkecil adalah : 1245.0

Season - 14

Jarak Terkecil adalah : 1245.0

Season - 15

Jarak Terkecil adalah : 1245.0

Season - 16

Jarak Terkecil adalah : 1245.0

Season - 17

Jarak Terkecil adalah : 1245.0

Season - 18

Jarak Terkecil adalah : 1245.0

Season - 19

Jarak Terkecil adalah : 1245.0

Season - 20

Jarak Terkecil adalah : 1245.0

Season - 21

Jarak Terkecil adalah : 1245.0

Season - 22

Jarak Terkecil adalah : 1245.0

Season - 23

Jarak Terkecil adalah : 1245.0

Season - 24

Jarak Terkecil adalah : 1245.0

Season - 25

Jarak Terkecil adalah : 1245.0

Season - 26

Jarak Terkecil adalah : 1245.0

Season - 27

Jarak Terkecil adalah : 1245.0

Season - 28

Jarak Terkecil adalah : 1245.0

Season - 29

Jarak Terkecil adalah : 1245.0

Season - 30

Jarak Terkecil adalah : 1245.0

Super Star Player =

-1.15 -183.60 377.21 19.08 -70.61 -191.91 -19.18 198.13 552.36 22.67 -122.77 -178.96 18.07 89.63 123.12 2.73 23.00 237.47 -13.85 -73.94 182.35 1245.00

Smallest Distance : 1245.0

Solution :

Player Attribute : -1.15 -183.60 377.21 19.08 -70.61 -191.91 -19.18 198.13 552.36 22.67 -122.77 -178.96 18.07 89.63 123.12 2.73 23.00 237.47 -13.85 -73.94 182.35

Route :

Route 1 : Depot 2 22 3 9 33 21 35 Depot

Route 2 : Depot 13 11 53 44 38 26 45 Depot

Route 3 : Depot 14 27 17 1 36 10 Depot

Route 4 : Depot 28 18 5 7 50 39 49 29 15 20 23 Depot

Route 5 : Depot 19 8 31 40 48 37 12 Depot

Route 6 : Depot 34 25 47 41 46 51 42 24 32 6 Depot

Route 7 : Depot 30 52 16 43 4 Depot

Process finished with exit code 0