/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/bin/java -Didea.launcher.port=7532 "-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 =

19

30

16

23

11

31

15

28

8

8

7

14

6

19

11

0 14 21 33 22 23 12 22 32 32 21 28 30 29 31 30

14 0 12 19 12 24 12 19 21 27 7 19 16 21 33 17

21 12 0 15 22 16 11 9 12 15 11 29 19 9 24 23

33 19 15 0 21 31 25 23 8 24 12 25 9 17 37 16

22 12 22 21 0 36 24 30 26 37 12 7 13 30 44 9

23 24 16 31 36 0 13 8 25 13 26 43 35 16 8 39

12 12 11 25 24 13 0 10 23 20 16 31 26 17 21 28

22 19 9 23 30 8 10 0 18 10 19 37 28 9 15 32

32 21 12 8 26 25 23 18 0 17 15 32 17 10 31 23

32 27 15 24 37 13 20 10 17 0 25 44 31 7 16 37

21 7 11 12 12 26 16 19 15 25 0 19 10 18 34 13

28 19 29 25 7 43 31 37 32 44 19 0 16 37 51 10

30 16 19 9 13 35 26 28 17 31 10 16 0 24 43 6

29 21 9 17 30 16 17 9 10 7 18 37 24 0 21 30

31 33 24 37 44 8 21 15 31 16 34 51 43 21 0 47

30 17 23 16 9 39 28 32 23 37 13 10 6 30 47 0

37

49

52

31

52

42

52

57

62

42

27

43

58

58

37

52

49

64

62

33

41

41

58

42

57

68

67

48

27

69

37 52

49 49

52 64

31 62

52 33

42 41

52 41

57 58

62 42

42 57

27 68

43 67

58 48

58 27

37 69

Demand Pelanggan 1 = 19

Demand Pelanggan 2 = 30

Demand Pelanggan 3 = 16

Demand Pelanggan 4 = 23

Demand Pelanggan 5 = 11

Demand Pelanggan 6 = 31

Demand Pelanggan 7 = 15

Demand Pelanggan 8 = 28

Demand Pelanggan 9 = 8

Demand Pelanggan 10 = 8

Demand Pelanggan 11 = 7

Demand Pelanggan 12 = 14

Demand Pelanggan 13 = 6

Demand Pelanggan 14 = 19

Demand Pelanggan 15 = 11

Matriks Jarak depot ke pelanggan =

0.00 14.00 21.00 33.00 22.00 23.00 12.00 22.00 32.00 32.00 21.00 28.00 30.00 29.00 31.00 30.00

14.00 0.00 12.00 19.00 12.00 24.00 12.00 19.00 21.00 27.00 7.00 19.00 16.00 21.00 33.00 17.00

21.00 12.00 0.00 15.00 22.00 16.00 11.00 9.00 12.00 15.00 11.00 29.00 19.00 9.00 24.00 23.00

33.00 19.00 15.00 0.00 21.00 31.00 25.00 23.00 8.00 24.00 12.00 25.00 9.00 17.00 37.00 16.00

22.00 12.00 22.00 21.00 0.00 36.00 24.00 30.00 26.00 37.00 12.00 7.00 13.00 30.00 44.00 9.00

23.00 24.00 16.00 31.00 36.00 0.00 13.00 8.00 25.00 13.00 26.00 43.00 35.00 16.00 8.00 39.00

12.00 12.00 11.00 25.00 24.00 13.00 0.00 10.00 23.00 20.00 16.00 31.00 26.00 17.00 21.00 28.00

22.00 19.00 9.00 23.00 30.00 8.00 10.00 0.00 18.00 10.00 19.00 37.00 28.00 9.00 15.00 32.00

32.00 21.00 12.00 8.00 26.00 25.00 23.00 18.00 0.00 17.00 15.00 32.00 17.00 10.00 31.00 23.00

32.00 27.00 15.00 24.00 37.00 13.00 20.00 10.00 17.00 0.00 25.00 44.00 31.00 7.00 16.00 37.00

21.00 7.00 11.00 12.00 12.00 26.00 16.00 19.00 15.00 25.00 0.00 19.00 10.00 18.00 34.00 13.00

28.00 19.00 29.00 25.00 7.00 43.00 31.00 37.00 32.00 44.00 19.00 0.00 16.00 37.00 51.00 10.00

30.00 16.00 19.00 9.00 13.00 35.00 26.00 28.00 17.00 31.00 10.00 16.00 0.00 24.00 43.00 6.00

29.00 21.00 9.00 17.00 30.00 16.00 17.00 9.00 10.00 7.00 18.00 37.00 24.00 0.00 21.00 30.00

31.00 33.00 24.00 37.00 44.00 8.00 21.00 15.00 31.00 16.00 34.00 51.00 43.00 21.00 0.00 47.00

30.00 17.00 23.00 16.00 9.00 39.00 28.00 32.00 23.00 37.00 13.00 10.00 6.00 30.00 47.00 0.00

Masukkan Koordinat X pelanggan (tanpa depot):

Masukkan Koordinat y pelanggan (tanpa depot):

Masukin koordinat semua pelanggan (X dan Y tanpa depot)

Coormin = 27.0

Coormax = 69.0

Season - 1

Jarak Terkecil adalah : 450.0

Season - 2

Jarak Terkecil adalah : 450.0

Season - 3

Jarak Terkecil adalah : 450.0

Season - 4

Jarak Terkecil adalah : 450.0

Season - 5

Jarak Terkecil adalah : 450.0

Season - 6

Jarak Terkecil adalah : 450.0

Season - 7

Jarak Terkecil adalah : 450.0

Season - 8

Jarak Terkecil adalah : 450.0

Season - 9

Jarak Terkecil adalah : 450.0

Season - 10

Jarak Terkecil adalah : 450.0

Season - 11

Jarak Terkecil adalah : 450.0

Season - 12

Jarak Terkecil adalah : 450.0

Season - 13

Jarak Terkecil adalah : 450.0

Season - 14

Jarak Terkecil adalah : 450.0

Season - 15

Jarak Terkecil adalah : 450.0

Season - 16

Jarak Terkecil adalah : 450.0

Season - 17

Jarak Terkecil adalah : 450.0

Season - 18

Jarak Terkecil adalah : 450.0

Season - 19

Jarak Terkecil adalah : 450.0

Season - 20

Jarak Terkecil adalah : 450.0

Season - 21

Jarak Terkecil adalah : 450.0

Season - 22

Jarak Terkecil adalah : 450.0

Season - 23

Jarak Terkecil adalah : 450.0

Season - 24

Jarak Terkecil adalah : 450.0

Season - 25

Jarak Terkecil adalah : 450.0

Season - 26

Jarak Terkecil adalah : 450.0

Season - 27

Jarak Terkecil adalah : 450.0

Season - 28

Jarak Terkecil adalah : 450.0

Season - 29

Jarak Terkecil adalah : 450.0

Season - 30

Jarak Terkecil adalah : 450.0

Season - 31

Jarak Terkecil adalah : 450.0

Season - 32

Jarak Terkecil adalah : 450.0

Season - 33

Jarak Terkecil adalah : 450.0

Season - 34

Jarak Terkecil adalah : 450.0

Season - 35

Jarak Terkecil adalah : 450.0

Season - 36

Jarak Terkecil adalah : 450.0

Season - 37

Jarak Terkecil adalah : 450.0

Season - 38

Jarak Terkecil adalah : 450.0

Season - 39

Jarak Terkecil adalah : 450.0

Season - 40

Jarak Terkecil adalah : 450.0

Season - 41

Jarak Terkecil adalah : 450.0

Season - 42

Jarak Terkecil adalah : 450.0

Season - 43

Jarak Terkecil adalah : 450.0

Season - 44

Jarak Terkecil adalah : 450.0

Season - 45

Jarak Terkecil adalah : 450.0

Season - 46

Jarak Terkecil adalah : 450.0

Season - 47

Jarak Terkecil adalah : 450.0

Season - 48

Jarak Terkecil adalah : 450.0

Season - 49

Jarak Terkecil adalah : 450.0

Season - 50

Jarak Terkecil adalah : 450.0

Super Star Player =

10.86 126.87 63.54 27.50 49.05 -23.81 -7.40 106.91 96.62 -57.08 -168.56 -52.05 -20.80 77.08 56.92 -22.47 13.62 -39.28 -184.03 316.93 -55.01 16.72 76.37 -474.52 450.00

Smallest Distance : 450.0

Solution :

Player Attribute : 10.86 126.87 63.54 27.50 49.05 -23.81 -7.40 106.91 96.62 -57.08 -168.56 -52.05 -20.80 77.08 56.92 -22.47 13.62 -39.28 -184.03 316.93 -55.01 16.72 76.37 -474.52

Route :

Route 1 : Depot 8 13 Depot = 32 + 10 + 29 =

Route 2 : Depot 3 9 5 Depot = 33 + 24 + 13 + 23 =

Route 3 : Depot 15 12 10 Depot = 30 + 6 + 10 + 21 =

Route 4 : Depot 14 7 Depot = 31 + 15 + 22 =

Route 5 : Depot 11 4 Depot = 28 + 7 + 22

Route 6 : Depot 2 Depot

Route 7 : Depot 1 Depot

Route 8 : Depot 6 Depot

Process finished with exit code 0