/Library/Java/JavaVirtualMachines/jdk1.8.0\_144.jdk/Contents/Home/bin/java -Didea.launcher.port=7533 "-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

14

8

7

14

19

11

26

17

6

15

0 14 19 33 22 23 12 22 32 32 21 28 30 31 30 32 39 44 16

14 0 15 19 12 24 12 19 21 27 7 19 16 33 17 31 27 31 19

19 15 0 21 26 10 7 4 17 13 16 33 25 18 29 16 24 30 9

33 19 21 0 21 31 25 23 8 24 12 25 9 37 16 32 10 12 30

22 12 26 21 0 36 24 30 26 37 12 7 13 44 9 42 31 33 30

23 24 10 31 36 0 13 8 25 13 26 43 35 8 39 9 32 38 7

12 12 7 25 24 13 0 10 23 20 16 31 26 21 28 21 30 35 7

22 19 4 23 30 8 10 0 18 10 19 37 28 15 32 12 24 30 9

32 21 17 8 26 25 23 18 0 17 15 32 17 31 23 25 7 13 26

32 27 13 24 37 13 20 10 17 0 25 44 31 16 37 9 21 27 18

21 7 16 12 12 26 16 19 15 25 0 19 10 34 13 31 21 24 22

28 19 33 25 7 43 31 37 32 44 19 0 16 51 10 49 35 36 38

30 16 25 9 13 35 26 28 17 31 10 16 0 43 6 38 19 20 32

31 33 18 37 44 8 21 15 31 16 34 51 43 0 47 7 36 42 15

30 17 29 16 9 39 28 32 23 37 13 10 6 47 0 43 26 26 35

32 31 16 32 42 9 21 12 25 9 31 49 38 7 43 0 30 36 16

39 27 24 10 31 32 30 24 7 21 21 35 19 36 26 30 0 6 33

44 31 30 12 33 38 35 30 13 27 24 36 20 42 26 36 6 0 38

16 19 9 30 30 7 7 9 26 18 22 38 32 15 35 16 33 38 0

37

49

52

31

52

42

52

57

62

42

27

43

58

37

61

62

63

45

52

43

64

62

33

41

41

58

42

57

68

67

27

69

33

63

69

35

37 52

49 43

52 64

31 62

52 33

42 41

52 41

57 58

62 42

42 57

27 68

43 67

58 27

37 69

61 33

62 63

63 69

45 35

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 = 14

Demand Pelanggan 10 = 8

Demand Pelanggan 11 = 7

Demand Pelanggan 12 = 14

Demand Pelanggan 13 = 19

Demand Pelanggan 14 = 11

Demand Pelanggan 15 = 26

Demand Pelanggan 16 = 17

Demand Pelanggan 17 = 6

Demand Pelanggan 18 = 15

Matriks Jarak depot ke pelanggan =

0.00 14.00 19.00 33.00 22.00 23.00 12.00 22.00 32.00 32.00 21.00 28.00 30.00 31.00 30.00 32.00 39.00 44.00 16.00

14.00 0.00 15.00 19.00 12.00 24.00 12.00 19.00 21.00 27.00 7.00 19.00 16.00 33.00 17.00 31.00 27.00 31.00 19.00

19.00 15.00 0.00 21.00 26.00 10.00 7.00 4.00 17.00 13.00 16.00 33.00 25.00 18.00 29.00 16.00 24.00 30.00 9.00

33.00 19.00 21.00 0.00 21.00 31.00 25.00 23.00 8.00 24.00 12.00 25.00 9.00 37.00 16.00 32.00 10.00 12.00 30.00

22.00 12.00 26.00 21.00 0.00 36.00 24.00 30.00 26.00 37.00 12.00 7.00 13.00 44.00 9.00 42.00 31.00 33.00 30.00

23.00 24.00 10.00 31.00 36.00 0.00 13.00 8.00 25.00 13.00 26.00 43.00 35.00 8.00 39.00 9.00 32.00 38.00 7.00

12.00 12.00 7.00 25.00 24.00 13.00 0.00 10.00 23.00 20.00 16.00 31.00 26.00 21.00 28.00 21.00 30.00 35.00 7.00

22.00 19.00 4.00 23.00 30.00 8.00 10.00 0.00 18.00 10.00 19.00 37.00 28.00 15.00 32.00 12.00 24.00 30.00 9.00

32.00 21.00 17.00 8.00 26.00 25.00 23.00 18.00 0.00 17.00 15.00 32.00 17.00 31.00 23.00 25.00 7.00 13.00 26.00

32.00 27.00 13.00 24.00 37.00 13.00 20.00 10.00 17.00 0.00 25.00 44.00 31.00 16.00 37.00 9.00 21.00 27.00 18.00

21.00 7.00 16.00 12.00 12.00 26.00 16.00 19.00 15.00 25.00 0.00 19.00 10.00 34.00 13.00 31.00 21.00 24.00 22.00

28.00 19.00 33.00 25.00 7.00 43.00 31.00 37.00 32.00 44.00 19.00 0.00 16.00 51.00 10.00 49.00 35.00 36.00 38.00

30.00 16.00 25.00 9.00 13.00 35.00 26.00 28.00 17.00 31.00 10.00 16.00 0.00 43.00 6.00 38.00 19.00 20.00 32.00

31.00 33.00 18.00 37.00 44.00 8.00 21.00 15.00 31.00 16.00 34.00 51.00 43.00 0.00 47.00 7.00 36.00 42.00 15.00

30.00 17.00 29.00 16.00 9.00 39.00 28.00 32.00 23.00 37.00 13.00 10.00 6.00 47.00 0.00 43.00 26.00 26.00 35.00

32.00 31.00 16.00 32.00 42.00 9.00 21.00 12.00 25.00 9.00 31.00 49.00 38.00 7.00 43.00 0.00 30.00 36.00 16.00

39.00 27.00 24.00 10.00 31.00 32.00 30.00 24.00 7.00 21.00 21.00 35.00 19.00 36.00 26.00 30.00 0.00 6.00 33.00

44.00 31.00 30.00 12.00 33.00 38.00 35.00 30.00 13.00 27.00 24.00 36.00 20.00 42.00 26.00 36.00 6.00 0.00 38.00

16.00 19.00 9.00 30.00 30.00 7.00 7.00 9.00 26.00 18.00 22.00 38.00 32.00 15.00 35.00 16.00 33.00 38.00 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

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

Jarak Terkecil adalah : 212.0

Season - 2

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

Jarak Terkecil adalah : 212.0

Season - 3

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

60.63 36.67 47.08 68.83 49.69 27.52 212.00

Jarak Terkecil adalah : 212.0

Super Star Player =

60.63 36.67 47.08 68.83 49.69 27.52 212.00

Smallest Distance : 212.0

Solution :

Player Attribute : 60.63 36.67 47.08 68.83 49.69 27.52

Route :

Route 1 : Depot 18 5 13 15 9 7 2 10 1 Depot

Route 2 : Depot 6 8 16 17 3 12 14 11 4 Depot

Process finished with exit code 0