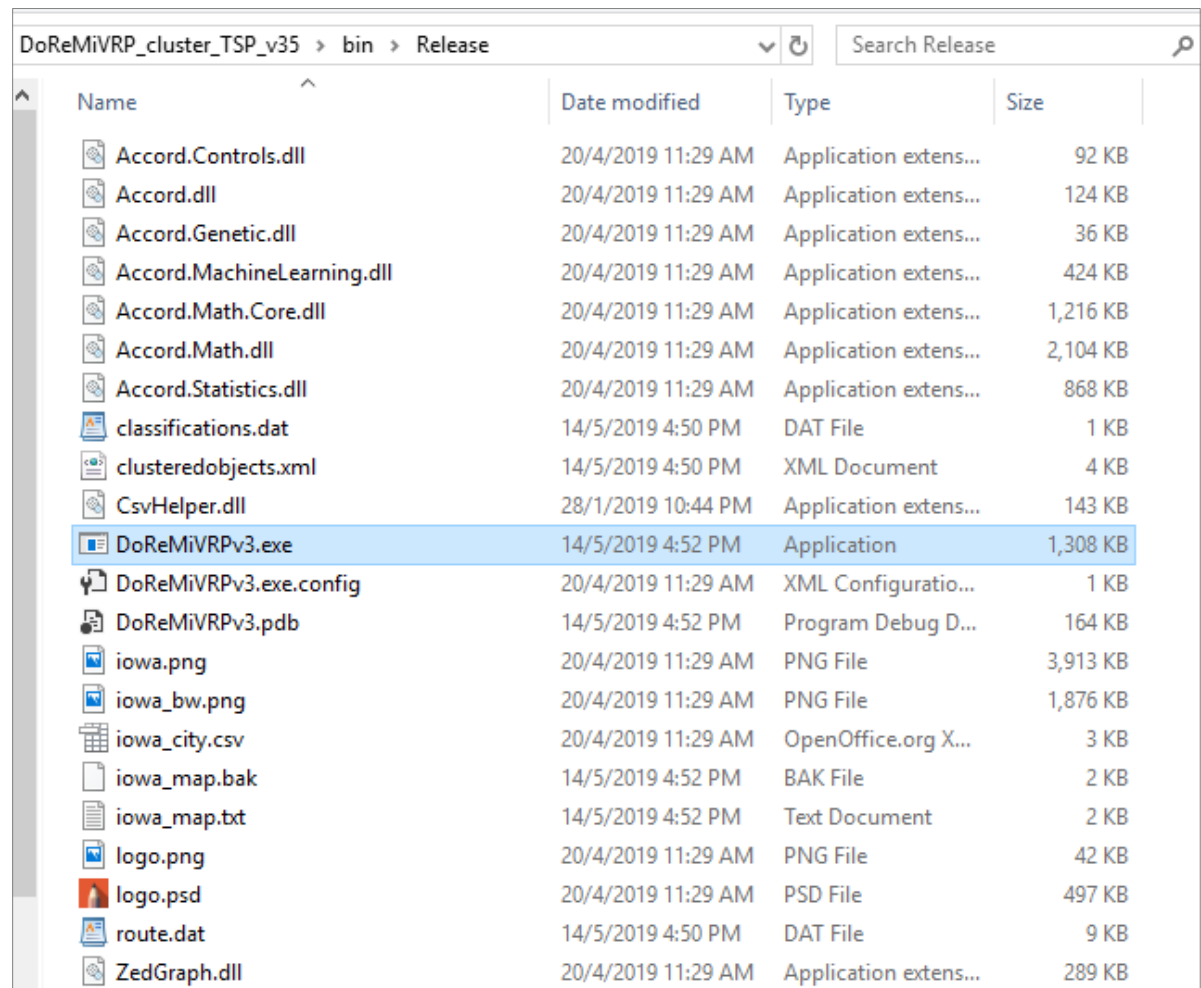


To launch the application

- Unzip the zipped application source codes and navigate into the bin folder. Open the “Release” folder and double-click the application executable file: **“DoReMiVRPv3.exe”**

../DoReMiVRP_cluster_TSP_v35\bin\Release

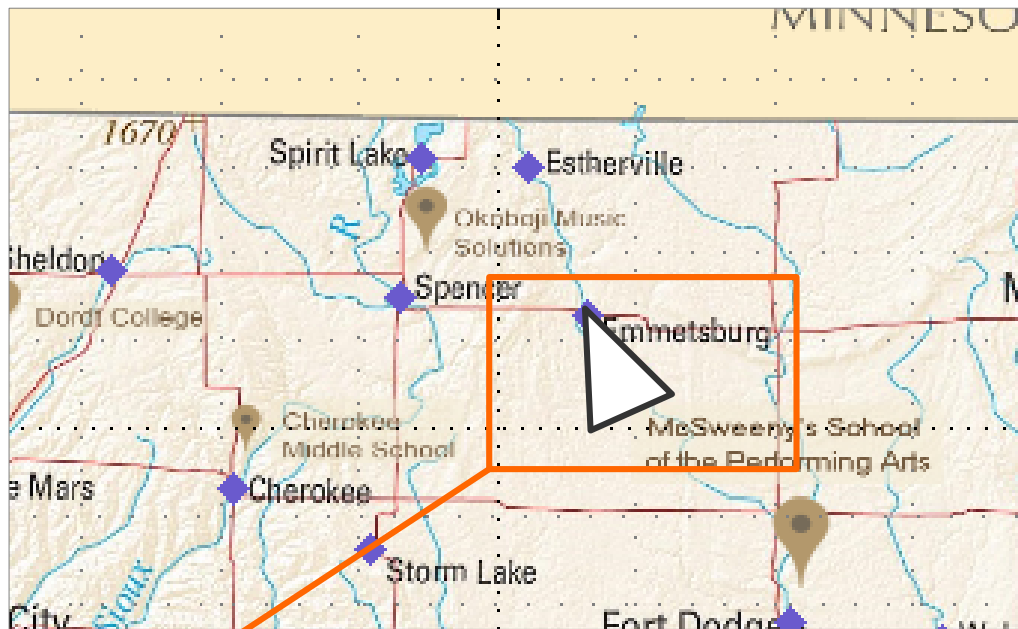


DoReMiVRP_cluster_TSP_v35 > bin > Release

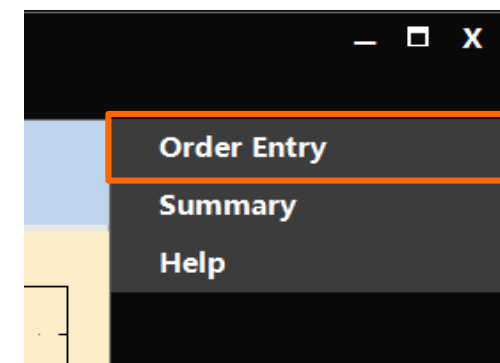
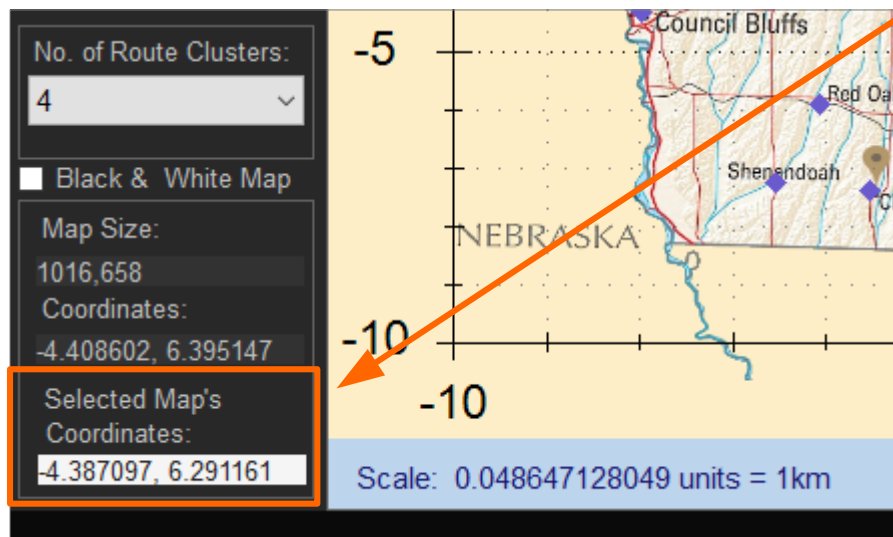
Name	Date modified	Type	Size
Accord.Controls.dll	20/4/2019 11:29 AM	Application extens...	92 KB
Accord.dll	20/4/2019 11:29 AM	Application extens...	124 KB
Accord.Genetic.dll	20/4/2019 11:29 AM	Application extens...	36 KB
Accord.MachineLearning.dll	20/4/2019 11:29 AM	Application extens...	424 KB
Accord.Math.Core.dll	20/4/2019 11:29 AM	Application extens...	1,216 KB
Accord.Math.dll	20/4/2019 11:29 AM	Application extens...	2,104 KB
Accord.Statistics.dll	20/4/2019 11:29 AM	Application extens...	868 KB
classifications.dat	14/5/2019 4:50 PM	DAT File	1 KB
clusteredobjects.xml	14/5/2019 4:50 PM	XML Document	4 KB
CsvHelper.dll	28/1/2019 10:44 PM	Application extens...	143 KB
DoReMiVRPv3.exe	14/5/2019 4:52 PM	Application	1,308 KB
DoReMiVRPv3.exe.config	20/4/2019 11:29 AM	XML Configuratio...	1 KB
DoReMiVRPv3.pdb	14/5/2019 4:52 PM	Program Debug D...	164 KB
iowa.png	20/4/2019 11:29 AM	PNG File	3,913 KB
iowa_bw.png	20/4/2019 11:29 AM	PNG File	1,876 KB
iowa_city.csv	20/4/2019 11:29 AM	OpenOffice.org X...	3 KB
iowa_map.bak	14/5/2019 4:52 PM	BAK File	2 KB
iowa_map.txt	14/5/2019 4:52 PM	Text Document	2 KB
logo.png	20/4/2019 11:29 AM	PNG File	42 KB
logo.psd	20/4/2019 11:29 AM	PSD File	497 KB
route.dat	14/5/2019 4:50 PM	DAT File	9 KB
ZedGraph.dll	20/4/2019 11:29 AM	Application extens...	289 KB

To change the location (X,Y) coordinates of a city

- Click any spot on the screen map and you will see the selected X,Y coordinates shown on the bottom of the application.



- Click the Order Entry button to open up the city entry dialog. You will see new columns added. The X and Y coordinates are now displayed.



To change the location (X,Y) coordinates of a city

- To update a city's location (X,Y), click a row to select a city and click the **“Update Coordinates”** button to proceed. This will update the coordinate of the selected city and save the data back to the data file “iowa_map.txt”.
- If you need to restore the city data File back to it's original state, click the **“Restore”** button to update the data File back to it's original state.

The X,Y coordinates columns are show in this dialog. This metric is based on cartesian coordinates (0-10)

City Order Entry

	City	X	Y	Order
▶	Des Moines	-1.156118	-2.553192	0
	Sheldon	-7.789029	6.781915	150
	Le Mars	-8.767932	4.574468	250
	spirit Lake	-5.555556	8.085107	200
	Esther ville	-4.774194	7.954939	50
	Spencer	-5.696202	6.462766	100
	Emmetsburg	-4.331897	6.262976	300
	Cherokee	-6.911392	4.281915	250
	Sioux City	-9.443038	2.978724	80
	Storm Lake	-5.915612	3.590425	200
	Fort Dodge	-2.877637	2.765958	100
	Webster City	-1.780591	2.553191	500
	Denison	-6.35443	-0.026596	200
	Carroll	-4.936708	0.265957	150
	Boone	-2	0.212766	300
	Ames	-1.156118	0.026596	120
	Ankeny	-1.139241	-1.702128	80

Current Selected Map's XY Coorindates : -4.387097, 6.291161

Min Order Qty: 100, Max order Qty: 500

Restore Update Coordinates Save Entry Close

The current selected location point you clicked earlier is shown here.

To change the location (X,Y) coordinates of a city

- To update a city's location (X,Y), click a row to select a city and click the **“Update Coordinates”** button to proceed. This will update the coordinate of the selected city and save the data back to the data file “iowa_map.txt”.
- If you need to restore the city data File back to it's original state, click the **“Restore”** button to update the data File back to it's original state.

Please note that if you want to test another map of any state in the US or any country, you need to copy the map image from google or any external source and ensure the image size is set to “1900X1400” pixels.

The 2 images files are:

a) iowa.png

b) iowa_bw.png

Names must remain the same.

The current selected location point you clicked earlier is shown here.

The X,Y coordinates columns are show in this dialog. This metric is based on cartesian coordinates (0-10)

City Order Entry

	City	X	Y	Order
▶	Des Moines	-1.156118	-2.553192	0
	Sheldon	-7.789029	6.781915	150
	Le Mars	-8.767932	4.574468	250
	spirit Lake	-5.555556	8.085107	200
	Esther ville	-4.774194	7.954939	50
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	Boone	-2	0.212766	300
	Ames	-1.156118	0.026596	120
	Ankeny	-1.139241	-1.702128	80

Current Selected Map's XY Coordinates : -4.387097, 6.291161

Min Order Qty: 100, Max order Qty: 500

Restore Update Coordinates Save Entry Close