

Code instructions:

To run the code smoothly and correctly, please set the parameters in the file “GREEDY\src\main.cpp” as described below. Depending on your environment, you can run the file “main.cpp” directly from within the IDE.

1. Set the depot number.

```
20      #define type 6 //type of depot: 2/4/6
```

2. Set the instance type.

```
21      #define data_type 1 //type of instance: SD=0, p/pr=1
```

3. Set the file name.

```
24      string depot_0 = "p20.txt"; //instance file name
```

4. Set the absolute path of the instance.

- For the instances in the folder “data\SD set”, modify the string variable “path_0_depots”.
- For the instances in the folder “data\P set”, modify the string variable the “path_1_depots”.

```
25      string path_0_depots = "/home/li/CLionProjects/MJ/instance/SD set/k=6/" + depot_0;  
26      string path_1_depots = "/home/li/CLionProjects/MJ/instance/P set/" + depot_0;
```

5. Set the vertex number, which is the sum of depot number and customer number.

```
23      #define vetex_number 246 // num of vetex( = depots num + customer num )
```

6. Set the absolute path for the result.

```
594      outfile.open( s: "/home/li/CLionProjects/MJ/RESULTS/k"+ to_string(type)+"/" + depot_0);
```

The directories of the results are shown as follows:

