SCREENSHOTS FOR SOURCE CODE:

1. Symmetric data as input with 9 as dimension.

2. Symmetric data as input with 5 as dimension.

3. Asymmetric data as input with 4 as dimension.

UML DIAGRAM:

TSP
K : int Str : int [] Dim_mat : double[][] X : String[] Y : string [] Dis : int[][] Type_of_data : String Data1 : String Data2 : String Text : String S : String Dimension : String[] Mat : String[] Xlist : ArrayList Ylist : ArrayList array_of_strings = String[] intdimension : int xp : double yp : double v : Boolean[] ans : double insize : int count : int cost : int cost1 : double
symmetric_data : void asymetric_data : void tspasy : int tsp : double isNumeric : Boolean main : void

CONCLUSION:

My source code runs only up to finding the minimum cost for the traversing. I have used single class with needed functions for program, so UML diagram consists of only one class with attributes. I couldn't make it out till GUI. And the program takes time to show the output for larger datasets as input.