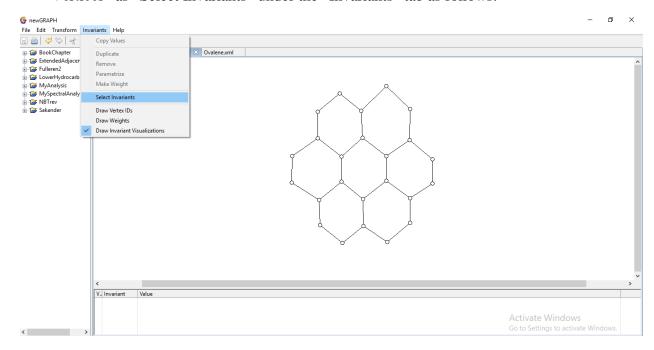
Workflow of our proposed method with a Minimal Working Example (MWE)

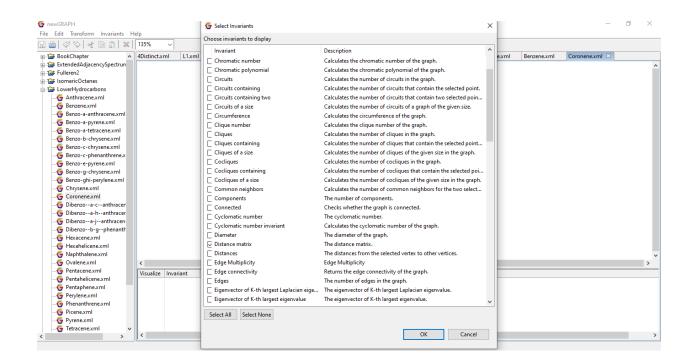
In this document, we will explain the working pattern of our technique to compute certain distance-based spectral descriptors of graphs.

- 1. Let *G* be a graph for which you want to compute a distance-based spectral topological index from the following list:
 - i. Distance spectral radius
 - ii. Distance energy
 - iii. Distance Estrada index
 - iv. Distance Laplacian spectral radius
 - v. Distance Laplacian energy
 - vi. Distance Laplacian Estrada index
 - vii. Distance signless Laplacian spectral radius
 - viii. Distance signless Laplacian energy
 - ix. Distance signless Laplacian Estrada index
 - x. Harary spectral radius
 - xi. Harary energy
 - xii. Harary Estrada index
 - xiii. Szeged spectral radius
 - xiv. Szeged energy
 - xv. Szeged Estrada index
 - xvi. PI spectral radius
 - xvii. PI energy
 - xviii. PI Estrada index
 - xix. Degree-distance spectral radius
 - xx. Degree-distance energy
 - xxi. Degree-distance Estrada index
 - xxii. Schultz spectral radius
 - xxiii. Schultz energy
 - xxiv. Schultz Estrada index
 - xxv. Second atom-bond connectivity spectral radius
 - xxvi. Second atom-bond connectivity energy
 - xxvii. Second atom-bond connectivity Estrada index
 - xxviii. Second geometric-arithmetic spectral radius
 - xxix. Second geometric-arithmetic energy
 - xxx. Second geometric-arithmetic Estrada index
 - xxxi. Gutman spectral radius
 - xxxii. Gutman energy
 - xxxiii. Gutman Estrada index

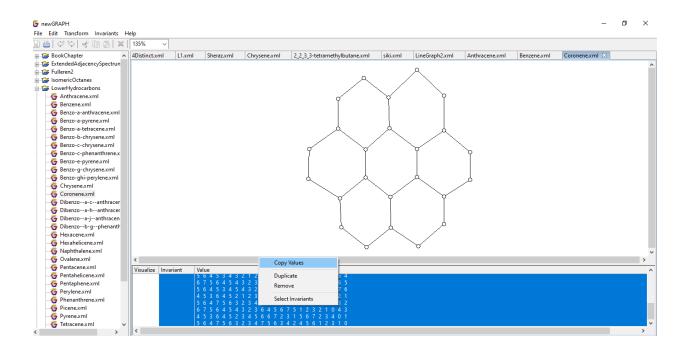
We would like to set the coronene graph as our MWE.

2. In first step, we draw graph *G* on newGraph and choose "Adjacency matrix" and "Vertices" as "Select Invariants" under the "Invariants" tab as follows:

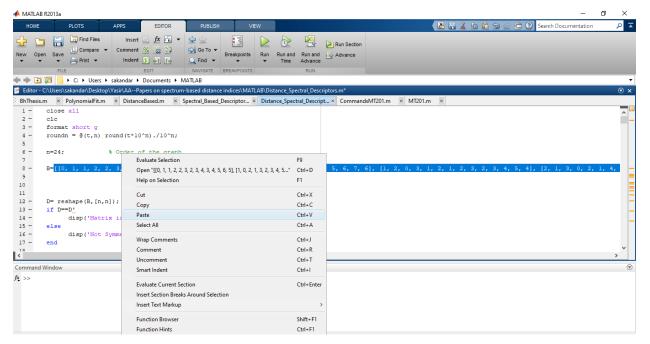




3. By right clicking on the matrix values, select "Copy Values" as follows:



4. Paste the copied matrix values from newGraph to Matlab in Distance_Sepctral_Descriptors.m file. Change the value of *n* which is 24 in our MWE.



5. Click "run" to obtain the result as follows:

