

HotJava(tm): Weighted, Undirected Graph

File Edit View Places Help

Place: file:/D:/Serban's documents/Desktop/2019-2020/_SD_2020/Cursul 8 + 9 + 10 - Grafuri/GraphW/GraphW.html

Applet started.

New Tree View Enter number:

You clicked on A

Tree: PQ:

Double-click to create new vertex.
Drag from vertex to vertex to create edge. (Enter weight first.)
New clears an old graph.
Tree creates minimum spanning tree.
View toggles between graph and adjacency matrix.

09:55
26.03.2020

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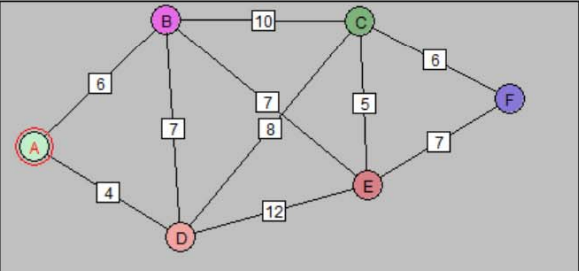
Place: file:/D:/Serban's documents/Desktop/2019-2020/_SD_2020/Cursul 8 + 9 + 10 - Grafuri/GraphW/GraphW.html

Applet started.

NewTreeView

Enter number:

Placed vertex A in tree



Tree: A PQ:

Double-click to create new vertex.

Drag from vertex to vertex to create edge. (Enter weight first.)

New clears an old graph.

Tree creates minimum spanning tree.

View toggles between graph and adjacency matrix.

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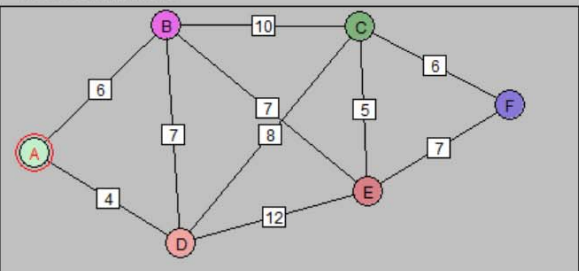
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Applet started.

NewTreeView

Enter number:

Placed vertex A in tree



Tree: A PQ:

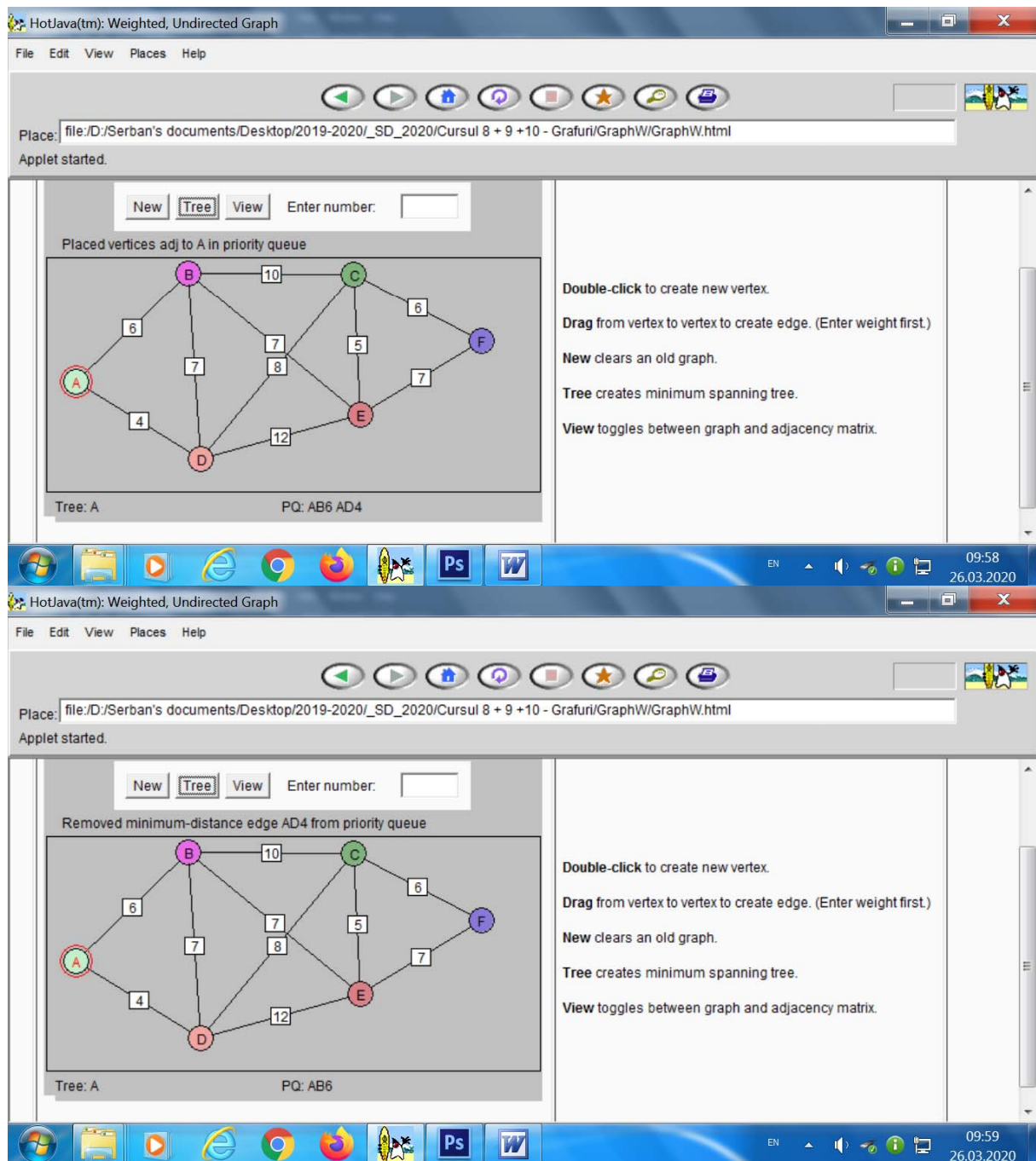
Double-click to create new vertex.

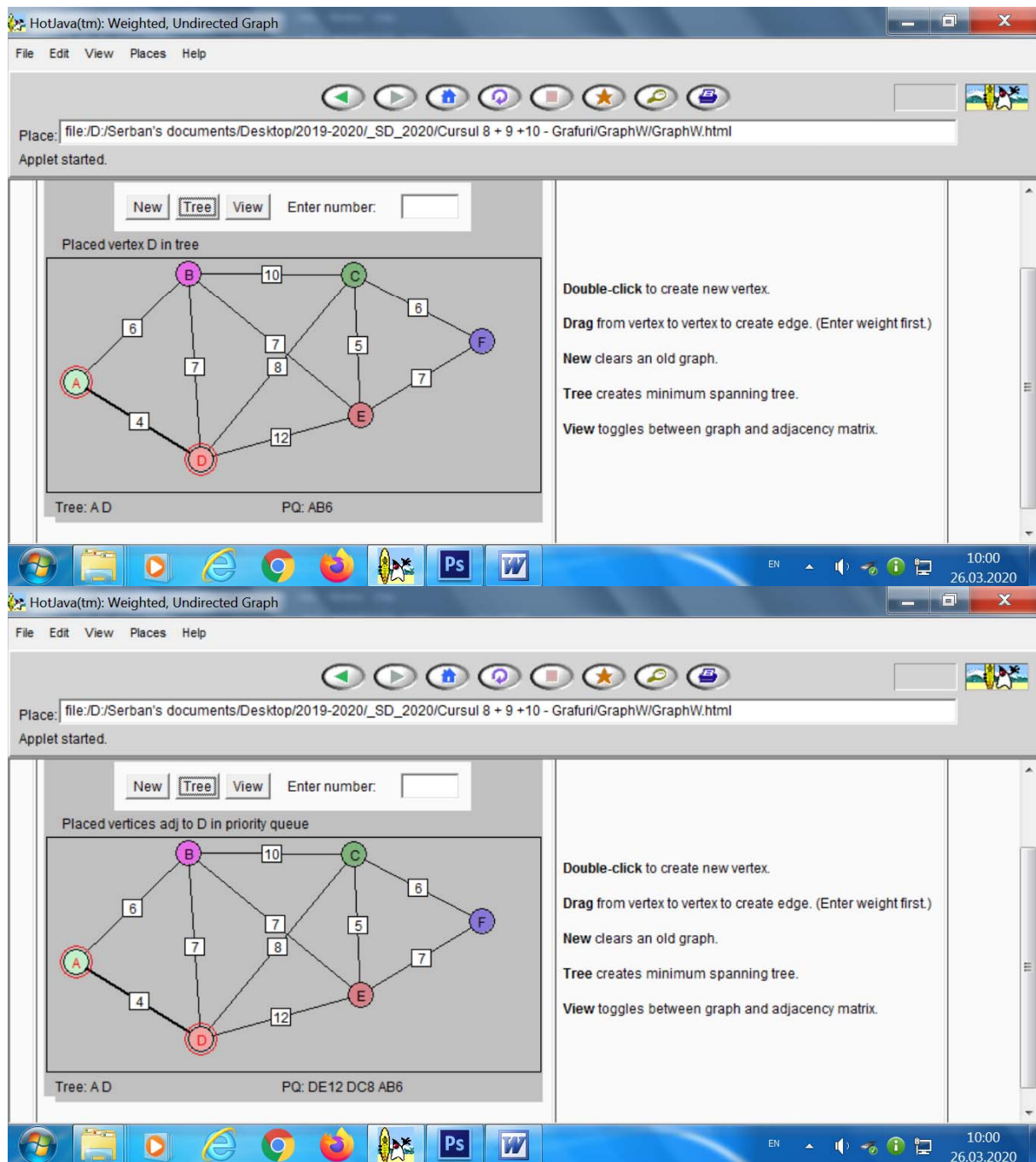
Drag from vertex to vertex to create edge. (Enter weight first.)

New clears an old graph.

Tree creates minimum spanning tree.

View toggles between graph and adjacency matrix.





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Applet started.

New Tree View Enter number:

Removed minimum-distance edge AB6 from priority queue

Tree: AD PQ: DE12 DC8

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
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Applet started.

New Tree View Enter number:

Placed vertex B in tree

Tree: ADB PQ: DE12 DC8

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
 View toggles between graph and adjacency matrix.

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Applet started.

New Tree View Enter number:

Placed vertices adj to B in priority queue

Tree: A D B PQ: DC8 BE7

Double-click to create new vertex.

Drag from vertex to vertex to create edge. (Enter weight first.)

New clears an old graph.

Tree creates minimum spanning tree.

View toggles between graph and adjacency matrix.

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Applet started.

New Tree View Enter number:

Removed minimum-distance edge BE7 from priority queue

Tree: A D B PQ: DC8

Double-click to create new vertex.

Drag from vertex to vertex to create edge. (Enter weight first.)

New clears an old graph.

Tree creates minimum spanning tree.

View toggles between graph and adjacency matrix.

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Applet started.

New Tree View Enter number:

Placed vertex E in tree

Tree: A D B E PQ: DC8

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
 View toggles between graph and adjacency matrix.

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Applet started.

New Tree View Enter number:

Placed vertices adj to E in priority queue

Tree: A D B E PQ: EF7 EC5

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
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Applet started.

New Tree View Enter number:

Removed minimum-distance edge EC5 from priority queue

Tree: A D B E PQ: EF 7

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
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Applet started.

New Tree View Enter number:

Placed vertex C in tree

Tree: A D B E C PQ: EF 7

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
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Applet started.

New Tree View Enter number:

Placed vertices adj to C in priority queue

Tree: A D B E C PQ: C F 6

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
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Applet started.

New Tree View Enter number:

Removed minimum-distance edge CF6 from priority queue

Tree: A D B E C PQ:

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
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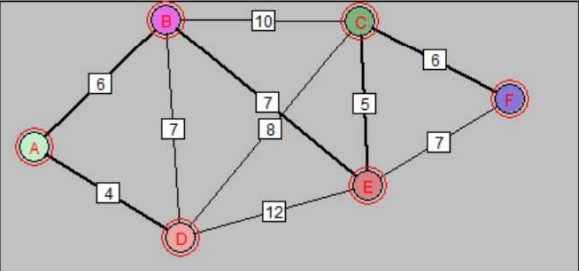
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Applet started.

New Tree View Enter number:

Placed vertex F in tree



Tree: ADBECF PQ:

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
 View toggles between graph and adjacency matrix.

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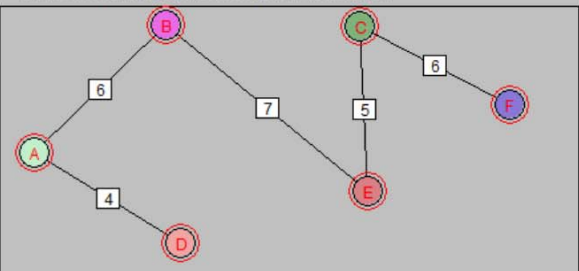
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Applet started.

New Tree View Enter number:

Minimum spanning tree; press again to restore tree



Tree: ADBECF PQ:

Double-click to create new vertex.
 Drag from vertex to vertex to create edge. (Enter weight first.)
 New clears an old graph.
 Tree creates minimum spanning tree.
 View toggles between graph and adjacency matrix.