# **Gruia Gabriel**

github: [HERE](https://github.com/Gabu28/FMI/tree/main/Anul%20II/AF/Graph%20Utils/Graph%20Utils)

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# TEME *Algoritmi Fundamentali*

# **Tema 1**: deadline *lab 3*, saptamana *6*

p1. **Depth First Search**: [*https://www.infoarena.ro/job\_detail/2789347?action=view-source*](https://www.infoarena.ro/job_detail/2789347?action=view-source)

p2. **Breadth First Search**: [*https://www.infoarena.ro/job\_detail/2789603?action=view-source*](https://www.infoarena.ro/job_detail/2789603?action=view-source)

p3. **Comp. Tare Conexe**: [*https://www.infoarena.ro/job\_detail/2789738?action=view-source*](https://www.infoarena.ro/job_detail/2789738?action=view-source)

p4. **Componente Biconexe**:[*https://www.infoarena.ro/job\_detail/2790684?action=view-source*](https://www.infoarena.ro/job_detail/2790684?action=view-source)

p5. **Sortare Topologica**: [*https://www.infoarena.ro/job\_detail/2790762?action=view-source*](https://www.infoarena.ro/job_detail/2790762?action=view-source)

p6. **Muchii Critice**: [*https://leetcode.com/submissions/detail/584596455/*](https://leetcode.com/submissions/detail/584596455/)

p7. **Havel Hakimi**: *pe* [*GitHub*](https://github.com/Gabu28/FMI/tree/main/Anul%20II/AF/Graph%20Utils/Graph%20Utils)

# **Tema 2**: deadline *lab 4*, saptamana *8*

p1. **Dijkstra**: [*https://www.infoarena.ro/job\_detail/2794226?action=view-source*](https://www.infoarena.ro/job_detail/2794226?action=view-source)

p2. **Bellman-Ford**: [*https://www.infoarena.ro/job\_detail/2796361?action=view-source*](https://www.infoarena.ro/job_detail/2796361?action=view-source)

p3. **Disjoint sets**: [*https://www.infoarena.ro/job\_detail/2807744?action=view-source*](https://www.infoarena.ro/job_detail/2807744?action=view-source)

p4. **APM**:[*https://www.infoarena.ro/job\_detail/2807737?action=view-source*](https://www.infoarena.ro/job_detail/2807737?action=view-source)