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GraphsInC

Combining math and programming

Contents

**No table of contents entries found.**

# Requirements

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| ID | Definition | MoSCoW |
| R.I.1 | A graph G = (V, E) can be made where V and E can be any integer. | M |
| R.I.2 | Make undirected-unweighted graphs. | M |
| R.I.3 | Make undirected-weighted graphs. | S |
| R.I.4 | Make directed-unweighted graphs. | M |
| R.I.5 | Make directed-weighted graphs. | S |
| R.P.1 | Calculate single-source shortest path | M |
| R.P.2 | Calculate all-pairs shortest path | M |
| R.P.3 | Find the eulerian trail of a graph | M |
| R.F.1 | Give the diameter of a graph | S |
| R.F.2 | Find the cutpoints of a graph | S |
| R.F.3 | Find the bridges of a graph | S |
| R.S.1 | Use breadth first search in a graph | S |
| R.S.2 | Use depth first search in a graph | S |