**Programming assignment #3 Graph**  b03901155黃安

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|  |  | DFS | | BFS | | Dijkstra | | |
| input file | input size  vertices/edges | runtime  (s) | memory (MB) | runtime  (s) | memory (MB) | mini-weight | runtime  (s) | memory (MB) |
| gn4 | 4/5 | 0 | 11.5391 | 0 | 11.5391 | 3 | 0 | 11.5391 |
| gn8 | 8/12 | 0 | 11.5391 | 0 | 11.5391 | 12 | 0 | 11.5391 |
| gn10 | 10/21 | 0 | 11.5391 | 0 | 11.5391 | 128 | 0 | 11.5391 |
| gn100 | 100/290 | 0 | 11.5391 | 0 | 11.668 | 66 | 0 | 11.668 |
| gn1000 | 1000/2989 | 0.004 | 12.2305 | 0.004 | 12.7461 | 100 | 0.004 | 13.3906 |
| gn10000 | 10000/29990 | 0.028003 | 18.8633 | 0.032001 | 24.1484 | 153 | 0.300019 | 30.4375 |