|  |
| --- |
| Nombre: Fabio Camilo López C.  Informe algoritmos búsqueda de anchura(BFS) y búsqueda de profundidad(DFS) |
| Especificaciones |
| CPU  Intel(R) Core(TM) i7-5500U CPU @ 2.40GHz  Velocidad máxima: 2,40 GHz  Núcleos: 2  Caché L1: 128 kB  Caché L2: 512 kB  Caché L3: 4,0 MB |
| Memoria  16,0 GB DDR3  Velocidad: 1600 MHz |
| Grafo de prueba |
|  |
| Matriz de adyacencia |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | | 6 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lista de adyacencia |
| |  |  |  |  | | --- | --- | --- | --- | | Vértices | V. adyacentes | | | | 0 | 1 |  |  | | 1 | 0 | 4 | 5 | | 2 | 3 | 4 |  | | 3 | 2 | 6 |  | | 4 | 1 | 2 |  | | 5 | 1 | 6 |  | | 6 | 3 | 5 |  | | 7 |  |  |  | |
| Lista de aristas |
| [{0,1}, {1,0}, {1,4}, {1,5}, {2,3}, {2,4}, {3,2}, {3,6}, {4,1}, {4,2}, {5,1}, {5,6}, {6,3}, {6,5}] |
| Recorrido BFS y DFS |
| BFS: 0, 1, 4, 5, 2, 6, 3.  DFS1: 0, 1, 4, 2, 3, 6, 5.  DFS2: 0, 1, 5, 6, 3, 2, 4. |