|  |  |  |
| --- | --- | --- |
| **No.** | **File Name** | **Program** |
| 1 | APPEND.C | Append 2 arrays |
| 2 | BINSEARC.C | Binary search (Iterative) |
| 3 | BSERREC.C | Binary search (Recursive) |
| 4 | BSTSEARC.C | Binary Search Tree - Search |
| 5 | BUBBSORT.C | Bubble sort |
| 6 | CIRQUEUE.C | Circular queue using array |
| 7 | DHEADLIS.C | Doubly linked header list |
| 8 | DOUBLLIS.C | Doubly linked list |
| 9 | EXCHSORT.C | Exchange sort |
| 10 | GRAPH.C | Graph - Traversals |
| 11 | HEADLIST.C | Singly linked header list |
| 12 | INSSORT.C | Insertion sort |
| 13 | LINKEDLI.C | Singly linked list |
| 14 | LINSEARC.C | Linear search |
| 15 | LISTSORT.C | Sort linked list |
| 16 | POLYARR1.C | Polynomial Addition & Multiplication using structure array |
| 17 | POLYLIN1.C | Polynomial representation using linked list |
| 18 | POSTFIX.C | Postfix expression – Evaluation using stack |
| 19 | QUEUEARR.C | Linear Queue using array |
| 20 | QUEUELIN.C | Linear Queue using linked list |
| 21 | QUIKSORT.C | Quick sort |
| 22 | SEARCH2D.C | Search for an element in a 2D array |
| 23 | SELSORT.C | Selection sort |
| 24 | SORTSTR.C | Sort a set of strings |
| 25 | SPARSE.C | Sparse matrix representation using structure array |
| 26 | SPARSE1.C | Sparse matrix Addition & Multiplication |
| 27 | STACKARR.C | Stack using array |
| 28 | STACKLIN.C | Stack using linked list |
| 29 | TREENREC.C | Binary tree – Traversals (Non recursive) |
| 30 | TREEREC.C | Binary tree – Traversals (Recursive) |