| BOTTOM MARK BAND Algorithms Databases Simple mathematical calculations Linear search Non-SQL table access Simple data structures Simple scientific/mathematical /robotics/control/business model Algorithms Should Have Simple scientific/mathematical /robotics/control/business model Bubble Sort Bubble Sort Binary search Could Have | |
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| MARK BAND Linear search Could Have Non-SQL table access Simple data structures Simple scientific/mathematical /robotics/control/business model Algorithms Linear search Non-SQL table access Should Have Simple scientific/mathematical /robotics/control/business model Bubble Sort Could Have | |
| BAND Non-SQL table access | |
| Simple data structures Simple scientific/mathematical /robotics/control/business model Algorithms Simple data structures Should Have | |
| Algorithms //robotics/control/business model Not Sure Bubble Sort Could Have | |
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| Dillary Search | |
| Simple user defined algorithms Should Have | |
| Single table database Not Sure | |
| MIDDLE Databases Simple data model in database Not Sure | |
| Writing and reading from files Must Have | |
| MARK Text files Not Sure | |
| BAND File Access File(s) organised for sequential access Not Sure | |
| Calling Web service APIs Not Sure | |
| Web Stuff Simple client-server model Not Sure | |
| Multi-dimensional arrays Not Sure | |
| Dictionaries Should Have | |
| Data Structures Records Not Sure | |
| Simple OOP model Must Have | |
| Complex scientific/mathematical/robotics/control/business model Not Sure | |
| Hashing Should Have | |
| Algorithms Merge sort Could Have | |
| Advanced matrix operations Could Have | |
| Recursive algorithms Should Have | |
| Graph/Tree Traversal Could Have | |
| Complex user defined algorithms Must Have | |
| TOP Databases Complex data model in database Not Sure | |
| File Access Files(s) organised for direct access Not Sure | |
| MARK BAND Web Stuff Server-side scripting using request and response objects Not Sure | |
| Complex client-server model Not Sure | |
| Hash tables Not Sure | |
| Lists Must Have | Must Have Not Sure |
| Stacks Not Sure | |
| Data Structures Queues Could Have | |
| Graphs Not Sure | |
| Trees Not Sure | |
| Complex OOP model Not Sure | |
| Linked lists Not Sure | |