

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