

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