Task	Expected response		Additional guidance	Max Marks	
2. (c) (i)	Input from file to array of records	Module with correct parameter passed or returned to read data from file to array of records		**1**	**Implementation (13)**
		Correctly assign data from file to array of records		**1**	
		Member data stored in a record structure		**1**	
	Find Furthest Distance	Module with correct parameter passed to return furthest distance walked		**1**	
		Find max algorithm. Award 3 marks for: • Initialise furthest • Correct assignment of furthest within loop • Matches design - initialise to first index in array - loop from second index in array		**3**	
	Display Furthest	Module with correct parameter passed to display furthest distance walked		**1**	
	Linear Search with File Output	Module with correct parameters		**1**	
		Award 2 marks for: selection – record distance more than 70% of furthest walk write forename(s) and surname(s) to file		**2**	
	Program Code is Maintainable (must have meaningful variable names and regular internal commentary)			**1**	
	Matches top level design: four sub programs with furthest distance as a function			**4**	

Task		Expected response		Additional guidance	Max Marks	
2. (c) (ii)	Marathon Task	Correct use of function to truncate		Round function does not truncate	**1**	**Implementation (2)**
		Message, forename(s), surname(s) and number of whole marathons written to file			**1**	
Steven Johnston should be 0						
(d)		One mark each for: • Using variable names for furthest distance and member's record structure from candidate's code AND first value of max distance and furthest assigned to 189.4 • Table shows correct changing state of member distance and furthest		Where value of furthest does not change, it can be omitted from the trace	**2**	**Testing (2)**
(e)		Fitness for Purpose Award 1 mark any two bullets from: • Find/display furthest distance walked • Find/display/write members who walked more than 70% of the furthest distance • Read forename, surname, distance from file • Find number of marathons OR write names and number of marathons to file Award 1 mark linking readability to maintainability eg internal commentary to explain code to another programmer Award 1 mark linking modularity to maintainability eg sub procedures used (can be edited independently)		Comments on not fit for purpose should match functional requirements Must go beyond a list of readability criteria	**3**	**Evaluation (3)**