Test Plan

Test	Purpose Of	Test Data	Expected Result
Number	Test		
1	Checking to	Start-up of	The program should start
	see whether	the program	as intended the user should
	the program		be greeted with a menu
	will start		
	correctly		
2	Inputting data	Normal Data	The program should print
	that beats the		out to the user that one of
	current		the inputted values beats
	records		the current and
			appropriate record(s).
3	Inputting data	Abnormal	The program should print
	that is outside	Data	out an error and ask the
	the 1 – 5		user to input between 1 –
	range on the		5.
	menu system		
4	Attempting to	Sorting an	The program should not
	sort one of	empty array	allow this by printing out an
	the arrays	or an array	error message to the user
	whilst it is	under a	saying that the current
	empty or	specified	array is empty, or that the
	holding 1 – 3	value	array does not meet the
	values.		requirements to be sorted.
5	Attempting to	Printing out	The program should error
	print out an	an empty	and output to the user that
	empty array	array	there is not enough data to
	(viewing the		print.
	athlete list)	Fortuna and Date	The construction of a sold construction
6	Attempting to	Extreme Data	The program should error
	input alphabetical		and ask the user to input
	characters for		just a float at 2 decimal places and not a string.
	the time of		places and not a string.
	the athlete		
7	Inputting a	Abnormal /	The program should error
,	time that is	Extreme Data	and ask the user to input a
	not	Extreme bata	more valid time for the
	appropriate		athlete.
8	Making sure	Quitting the	The application should
	that quitting	application	close as intended and not
	the	.,	be left behind on
	application		minimized in task manager.
	works		
	properly		

Test Table

Test	Purpose Of	Test Data	Expected Result	Actual Result	Comments
Number	Test				
1	Checking to	Start-up of	The program should		
	see whether	the program	start as intended the		
	the program		user should be greeted		
	will start		with a menu		
	correctly				
2	Inputting	Normal Data	The program should		
	data that		print out to the user		
	beats the		that one of the inputted		
	current		values beats the current		
	records		and appropriate		
			record(s).		
3	Inputting	Abnormal	The program should		
	data that is	Data	print out an error and		
	outside the 1		ask the user to input		
	– 5 range on		between 1 – 5.		
	the menu				
	system				
4	Attempting	Sorting an	The program should not		
	to sort one of	empty array	allow this by printing		
	the arrays	or an array	out an error message to		
	whilst it is	under a	the user saying that the		
	empty or	specified	current array is empty,		
	holding 1 – 3	value	or that the array does		
	values.		not meet the		
			requirements to be		
			sorted.		
5	Attempting	Printing out	The program should		
	to print out	an empty	error and output to the		
	an empty	array	user that there is not		
	array		enough data to print.		
	(viewing the				
	athlete list)				
6	Attempting	Extreme Data	The program should		
	to input		error and ask the user to		
	alphabetical		input just a float at 2		
	characters		decimal places and not a		
	for the time		string.		
	of the athlete				
7	Inputting a	Abnormal /	The program should		
	time that is	Extreme Data	error and ask the user to		
	not		input a more valid time		
	appropriate		for the athlete.		
8	Making sure	Quitting the	The application should		
	that quitting	application	close as intended and		
	the		not be left behind on		
	application		minimized in task		
	works		manager.		
	properly				