

6.	(c)	<ul style="list-style-type: none"> • ask for searchName/searchEvent and their use in the IF statement • loop that traverses correctly with termination <p>IF condition with:</p> <ul style="list-style-type: none"> • correct use of array variable • comparison of current name and event fields to targets • display if found with correctly concatenated message • display if not found using any suitable flag, for example -1 or found is false <p>Example answers:</p> <pre> RECEIVE searchName FROM KEYBOARD RECEIVE searchEvent FROM KEYBOARD DECLARE found INITIALLY false SET counter TO -1 REPEAT counter=counter+1 IF searchName=competitors[counter].name AND searchEvent=searchName=competitors[counter].event then SET found TO true END IF UNTIL found=true OR counter=799 IF found =true THEN SEND competitors[counter].name & "threw " &competitors[counter].distance & "in the " & competitors[counter].event TO DISPLAY ELSE SEND " Competitor not found" TO DISPLAY END IF </pre> <p>Using a fixed loop:</p> <pre> RECEIVE searchName FROM KEYBOARD RECEIVE searchEvent FROM KEYBOARD DECLARE found INITIALLY false FOR index FROM 0 TO 799 DO IF searchName=competitors[index].name AND searchEvent=competitors[index].event then SEND competitors[index].name & "threw " & competitors[index].distance & "in the " & competitors[index].event TO DISPLAY SET found TO true END IF END FOR IF found =false THEN SEND 'Competitor not found' TO DISPLAY END IF </pre>	6	Candidates' solutions will vary in terms of efficiency but marks are awarded for any correct implementation.
----	-----	--	---	--