

(b)	<p>One mark each for</p> <ul style="list-style-type: none"> • loop for correct number of passengers • input statement referring to bags • if statement with correct condition • running total within loop • total cost calculated (bag cost + booking cost) 	5	<p>Running total and total cost could be implemented in one step.</p> <p>Number of loop iterations and variable used may vary according to language, for example: 0 to passengers, 1 to passengers.</p> <p>Three possible solutions are shown below. Note that there may be others.</p> <pre> Loop for each passenger Ask if passenger wants a bag If answer = yes Add £7 onto total End if End loop</pre> <pre> Loop for each passenger Ask if passenger wants a bag If answer = yes Add 1 onto bag number End if End loop Total = total + bag number * 7</pre> <pre> Loop for each passenger Ask if passenger wants a bag If answer = yes Add £7 onto bag total End if End loop Total = total + bag total</pre>
-----	--	---	---