

	(ii)	<p>The object list is an array of objects of type Shape. Due to polymorphism, list can contain objects of type Shape or of any of its subclass types.</p> <p>Although the list[8] references the variable c2 which is an instance of the Circle class, the variable list has been defined as a Shape object and acts as Shape type container for each object it references. As a result, the only methods that can be accessed by elements of the array are those that are known to the Shape superclass.</p> <p>Since the getcircumference() method is only associated with the Circle subclass, an error will be generated when any of the array elements attempt to invoke it.</p>	2	<p>1 mark each for a maximum of 2 marks:</p> <ul style="list-style-type: none">list is a polymorphic array of objects of type Shapelist[8] references an object belonging to the Circle classthe variable list acts as a Shape type container for the objects it referencesthe getcircumference() method is not accessible to Shape class objects
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