

Task	Expected response	Additional guidance	Marks available	
2	Database design and development			
2a	1 mark for identifying: <ul style="list-style-type: none"> ◆ Reference code 1 mark for identifying the following seven property details: <ul style="list-style-type: none"> ◆ House number ◆ Street ◆ City ◆ Postcode ◆ Asking price ◆ Estimated property value ◆ Number of bedrooms 	Names given to property details could differ from bullet list. Allow SellerID to be included in the property details (as a foreign key).	2	Analysis
2b	1 mark each for identifying: <ul style="list-style-type: none"> ◆ Both Primary Keys ◆ the Foreign key 	PK Seller.SellerID Property.PropertyRef FK Property.SellerID	2	Design
2ci	1 mark each for: <ul style="list-style-type: none"> ◆ <code>UPDATE Property SET askingPrice = 112000</code> ◆ <code>WHERE propertyRef = "DUN-101";</code> 	" can be ' Alternative conditions that will give the same result (as these are all unique values in the database associated with this record): <ul style="list-style-type: none"> ◆ <code>WHERE postcode = "DD10 0QM"</code> ◆ <code>WHERE askingPrice = 105500</code> ◆ <code>WHERE street = "George Avenue"</code> ◆ <code>WHERE SellerID = "3896"</code> ◆ <code>WHERE houseNumber = 99</code> ◆ <code>WHERE estimatedValue = 111000</code> 	2	Implementation

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2cii	1 mark each for: <ul style="list-style-type: none">◆ INSERT INTO Seller(sellerID, sellerName, sellerAddress, email, telephoneNumber)◆ VALUES ("1502", "Eve Grace", "128 Cameron Drive Edinburgh EH4 5DS", "EveGrace@yehoo.net", "0131 279100");	Also accept <ul style="list-style-type: none">◆ INSERT INTO Seller◆ VALUES (1502, "Eve Grace", "128 Cameron Drive Edinburgh EH4 5DS", "EveGrace@yehoo.net", "0131 279100"); Although sellerID is a text field the insert statement will still execute if the “” are not included around 1502	2	Implementation																											
2ciii	1 mark each for: <ul style="list-style-type: none">◆ SELECT email, telephoneNumber, postcode FROM Seller, Property◆ WHERE seller.sellerid = property.sellerid◆ AND numberOfBedrooms = 3◆ AND askingPrice < 150000;	SELECT - order of fields may be different from that shown The order of the conditions in the WHERE clause is not important Do not award a mark if SQL created by application: MS Access example SELECT Seller.email, Seller.telephoneNumber, Property.postcode FROM Seller INNER JOIN Property ON Seller.sellerID = Property.sellerID WHERE ((Property.numberOfBedrooms)= 3) AND ((Property.askingPrice) <150000));	4																												
	Expected Output for 2ciii																														
	<table><thead><tr><th>email</th><th>telephoneNum</th><th>postcode</th></tr></thead><tbody><tr><td>ksimp@eyecloud.com</td><td>01382 52196</td><td>DD9 8PN</td></tr><tr><td>ckane@msnopy.com</td><td>0131 676221</td><td>EH48 8MH</td></tr><tr><td>marioph@liive.com</td><td>01738 66045</td><td>IV47 2YQ</td></tr><tr><td>Humphry@liive.com</td><td>01738 48908</td><td>IV10 3RH</td></tr><tr><td>cpark@eyecloud.com</td><td>01738 31943</td><td>PH38 9TA</td></tr><tr><td>terry@aeioul.com</td><td>01738 80979</td><td>PH9 7GU</td></tr><tr><td>boftx@coldmail.com</td><td>01786 19187</td><td>FK11 4TA</td></tr><tr><td>iansutherland@gmile.com</td><td>01786 55483</td><td>FK10 9MG</td></tr></tbody></table>			email	telephoneNum	postcode	ksimp@eyecloud.com	01382 52196	DD9 8PN	ckane@msnopy.com	0131 676221	EH48 8MH	marioph@liive.com	01738 66045	IV47 2YQ	Humphry@liive.com	01738 48908	IV10 3RH	cpark@eyecloud.com	01738 31943	PH38 9TA	terry@aeioul.com	01738 80979	PH9 7GU	boftx@coldmail.com	01786 19187	FK11 4TA	iansutherland@gmile.com	01786 55483	FK10 9MG	
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2d	1 mark each for: <ul style="list-style-type: none"> ♦ town field doesn't exist ♦ price field doesn't exist 		2	Testing
2e	1 mark for stating the database meets all the requirements.	If the functional requirements are listed in the answer, all four are required.	1	Evaluation