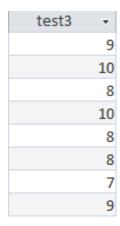
Higher Computing Science

Database Implementation: Calculations and Computed Fields

Exercise 4 – Answers

1. UPDATE Question1
SET test3 = test3 +1;

The updated test results are shown below.



2. UPDATE Question2
SET hourlyRate = hourlyRate * 1.1
WHERE hourlyRate<7;</pre>

The updated hourly rates are shown below.

hourlyRate	¥
£7	.50
£6	.60
£6	.60
£6	.60
£4	.95
£0	.00

3. UPDATE Question3
SET test2 = test2 +2, test4 = test4 + 1
WHERE surname LIKE "J*";

The updated details of the relevant records are shown below.

studentID 🔻	forename	Ŧ	surname	Ŧ	test2	¥	test4	Ψ
1	Bill		Johnstone			14		14
4	Billy		Johnston			11		12

M Shaw Clydeview Academy

4. UPDATE Question4
SET buyingPrice = buyingPrice - 3, sellingPrice =
round(buyingPrice * 1.45,2)
WHERE productName LIKE "*e";

The updated details of the relevant record are shown below.

productID -	productName	*	buyingPrice	Ŧ	sellingPrice	¥
3	Yorkie			29	4	46

5. UPDATE Question5
 SET priceUK = round(priceUK * 1.05,2)
 WHERE productName like "*a? *";

The updated details of the relevant records are shown below.

productName	*	productID	Ŧ	priceUK	¥
Optical Mouse		017		£7.	.88
Flat Screen Monitor		102		£78.	.75

G. UPDATE Question6
SET pricePerKilo = round(pricePerKilo *0.9,2), numberOfKilos *
2
WHERE fishType LIKE "?o??*";

The updated details of the relevant records are shown below.

fishType	Ŧ	pricePerKilo +	numberOfKilos 🔻
Coley		£6.30	2.0
Monkfish		£14.40	5.0

M Shaw Clydeview Academy