**SQLITE WILLIAM MOOLMAN 28 October 2018**

**Question 1**

SELECT Surname,FirstName,Height,Gender

FROM tblPirates

ORDER BY Height

**Question 2**

SELECT Surname,Weight,Weight-KgLost as CurrentWeight

FROM tblPirates

**Question 3**

INSERT INTO tblMedCondition (MedID,Description)

VALUES (9999,"Aquaphobia")

**Question 4**

SELECT Surname,FirstName

FROM tblPirates

WHERE MedID = ""

**Question 5**

SELECT ShipName,COUNT(tblShipAllocate.PirateID) as NoOfPirates

FROM tblShips

LEFT JOIN tblShipAllocate ON tblShipAllocate.ShipID = tblShips.ShipID

GROUP BY tblShipAllocate.ShipID

HAVING NoOfPirates >= 5

**Question 6**

SELECT Gender, SUM(KgLost) as "Total Weight Loss"

FROM tblPirates

GROUP BY Gender

**Question 7**

SELECT Surname,FirstName,ShipName

FROM tblPirates

LEFT JOIN tblShipAllocate ON tblShipAllocate.PirateID = tblPirates.PirateID

LEFT JOIN tblShips ON tblShips.ShipID = tblShipAllocate.ShipID

WHERE SUBSTR(FirstName,1,1)=SUBSTR(ShipName,1,1)

**Question 8**

SELECT ShipName,SUBSTR(ShipName,2,3)||SUBSTR(ABS(RANDOM()),2,1) AS Code

FROM tblShips

**Question 9**

SELECT Surname, Weight/(Height\*Height) as BMI

FROM tblPirates

WHERE MedID != "" AND BMI>=25