**Question Number:1**

SELECT o.orderNumber,p.productName,c.customerName,pm.amount,pm.checkNumber

FROM orders o

JOIN orderdetails od

ON o.orderNumber = od.orderNumber

JOIN products p

ON od.productCode = p.productCode

JOIN customers c

ON o.customerNumber = c.customerNumber

JOIN payments pm

ON pm.customerNumber = c.customerNumber

WHERE o.orderNumber=10100



**Question Number:2**

SELECT o.orderNumber,SUM(pm.amount) AS total\_paid\_amount\_for\_the\_order\_10110

FROM orders o

JOIN orderdetails od

ON o.orderNumber = od.orderNumber

JOIN products p

ON od.productCode = p.productCode

JOIN customers c

ON o.customerNumber = c.customerNumber

JOIN payments pm

ON pm.customerNumber = c.customerNumber

WHERE o.orderNumber=10100



**Question Number:3**

SELECT DISTINCT o.orderNumber,pm.checkNumber

FROM orders o

JOIN orderdetails od

ON o.orderNumber = od.orderNumber

JOIN products p

ON od.productCode = p.productCode

JOIN customers c

ON o.customerNumber = c.customerNumber

JOIN payments pm

ON pm.customerNumber = c.customerNumber

WHERE o.orderNumber=10100



**Question Number:4**

SELECT MIN(quantityInStock) AS min\_value\_in\_quantityInStock,

MAX(quantityInStock) AS max\_value\_in\_quantityInStock

FROM products



**Question Number:5**

SELECT p.productCode,p.productLine,pl.htmlDescription

FROM products p

JOIN productlines pl

ON p.productLine = pl.productLine

WHERE

p.productLine = (SELECT productLine FROM productlines WHERE productLine='Classic Cars')

AND

(productCode='S12\_3380' OR productCode='S12\_3891' OR productCode='S12\_3990')



**Question Number:6**

SELECT COUNT(\*)

FROM

productLines

WHERE htmlDescription IS NULL



**Question Number:7**

SELECT DATE\_FORMAT('2019-07-18 12:49:24','%d-%b-%a') AS output



**Question Number:8**

SELECT amount FROM payments ORDER BY amount DESC LIMIT 2,1



**Question Number:9**

SELECT contactFirstName FROM customers WHERE contactFirstName LIKE 'C%a '



**Question Number:10**

SELECT pl.productLine,pl.textDescription,pl.htmlDescription,pl.image

FROM productlines pl

JOIN

products p

ON p.productLine = pl.productLine

WHERE p.productLine <> pl.productLine

