SQL – Structured Query Language

A query can search, sort, or select specified fields in a database.
Microsoft Access automatically creates SQL code whenever you create a query.
Choose View > SQL View to see the generated SQL code, such as the code shown below.

AN ACCESS PARAMETER QUERY ([Enter product ID]) IN DESIGN VIEW:

AUTOMATICALLY GENERATED SQL CODE:

```sql
SELECT Invoices.InvNum, Invoices.InvDate, Invoices.EmpID, Invoices.CustID, All_Customers.CustLastName,
FROM All_Customers INNER JOIN (Products INNER JOIN (Invoices INNER JOIN InvoiceDetails ON
Invoices.InvNum = InvoiceDetails.InvNum) ON Products.ProdID = InvoiceDetails.ProdID) ON
All_Customers.CustID = Invoices.CustID
WHERE (((InvoiceDetails.ProdID)=[Enter Product ID])) AND ((Products.Price)>100))
ORDER BY Invoices.InvNum;
```

SELECT the listed fields FROM the listed tables that are JOINed ON their key fields, WHERE (if) certain
conditions are met, and ORDER BY (sort) by the selected field. AS (an alias) can be used for calculations.