Sending Data to Different Workbooks with VBA

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Sending Data to Different Workbooks with VBA

Adding New Modules

Form Controls

ActiveX Controls

Using Libraries

Hiding Worksheets

Playing Around

Extending the Spreadsheet

Excel

Invoice

Creating an Order

Invoice Template

Stored Procedures

A Fabulous System But...

```
EXEC dbo.CreateOrder
@CustomerName          VARCHAR(100),
@Address               VARCHAR(100),
@Town                  VARCHAR(100),
@Postcode              VARCHAR(20),
@ItemCode              VARCHAR(15),
@NumberOfCopies        INT,
@PostCharge            DECIMAL(10,2);
```

Create Order Stored Procedure

Creates an order for the specified customer for the specified item

Create Order Responses

Order successfully placed

The item you have requested does not exist

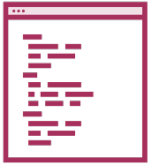There are only 2 copies available. Order not placed
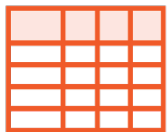
External Libraries

Place Order Requirements

Establish database connection

Create stored procedure command

Execute command and obtain recordset

Obtain result from recordset

Back to Bertie

```
Provider=SQLOLEDB;Data Source=STOCKCONTROL;
Initial Catalog=StockSystem;Trusted_Connection=Yes;
```

Connection String

This is necessary to connect to a SQL Server database

Generating an Invoice

Open the template

Copy values into the template

Save as PDF

Close the template

Thanks to Bertie

A Happy Boss

Overview/ Summary

Adding external library references

Executing database code

Checking file and folder existence

Error handling

Manipulating an external workbook

Form and ActiveX buttons

Hiding worksheets

Possible Improvements

Place Order Validation

Add a validation function for the customer values

Configuration

Make the connection string configurable

Thanks for watching!